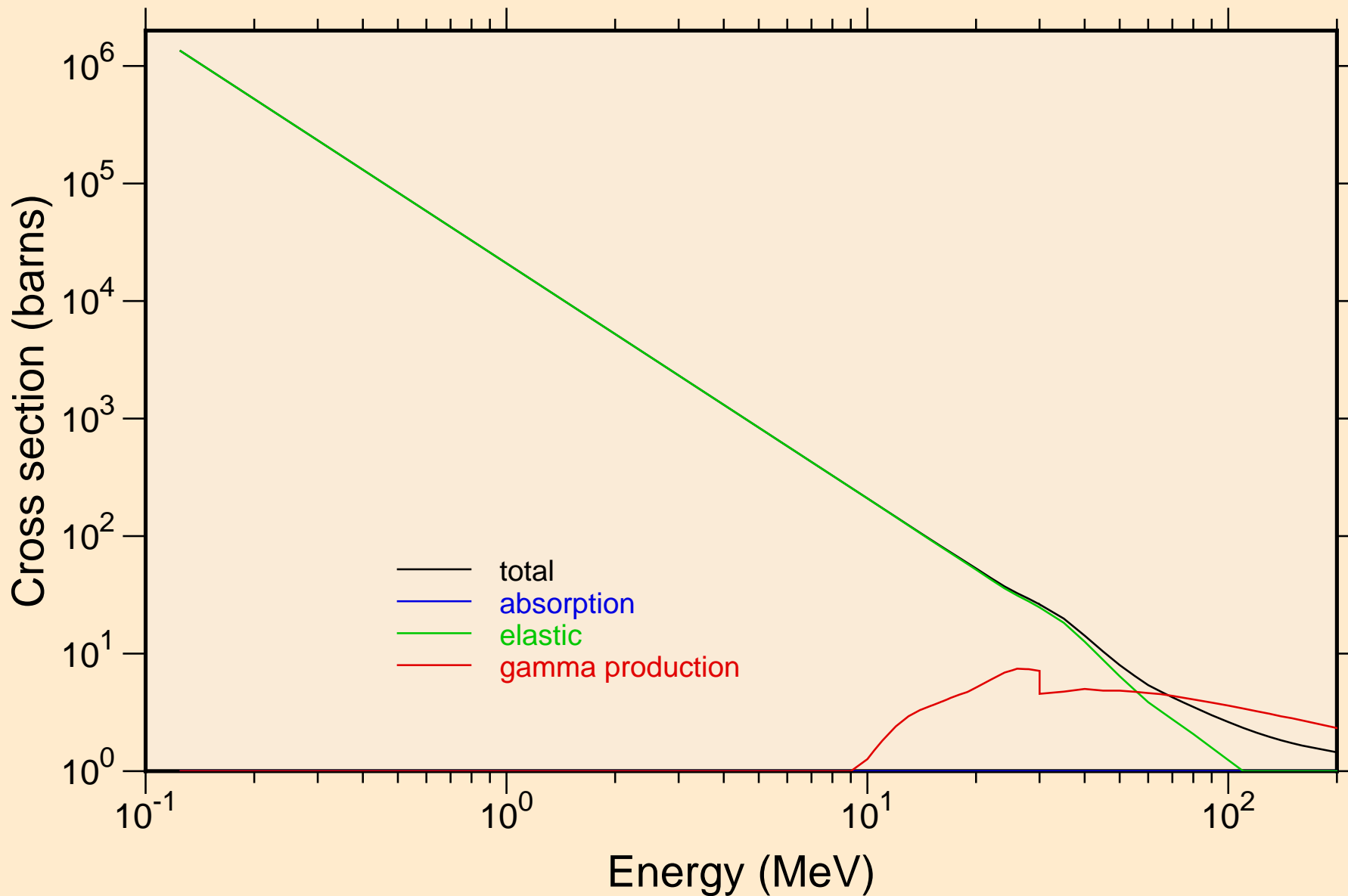


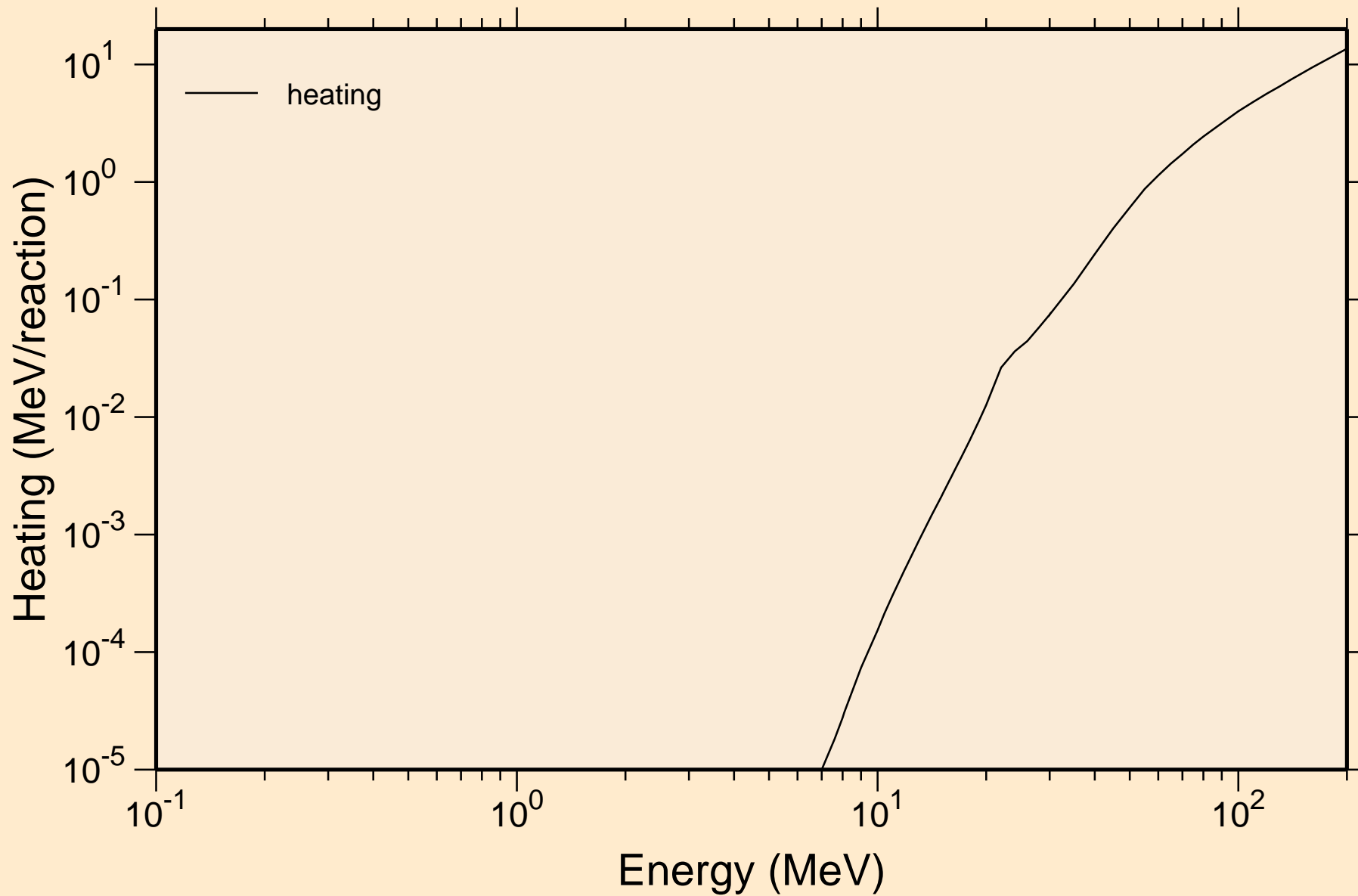
# CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



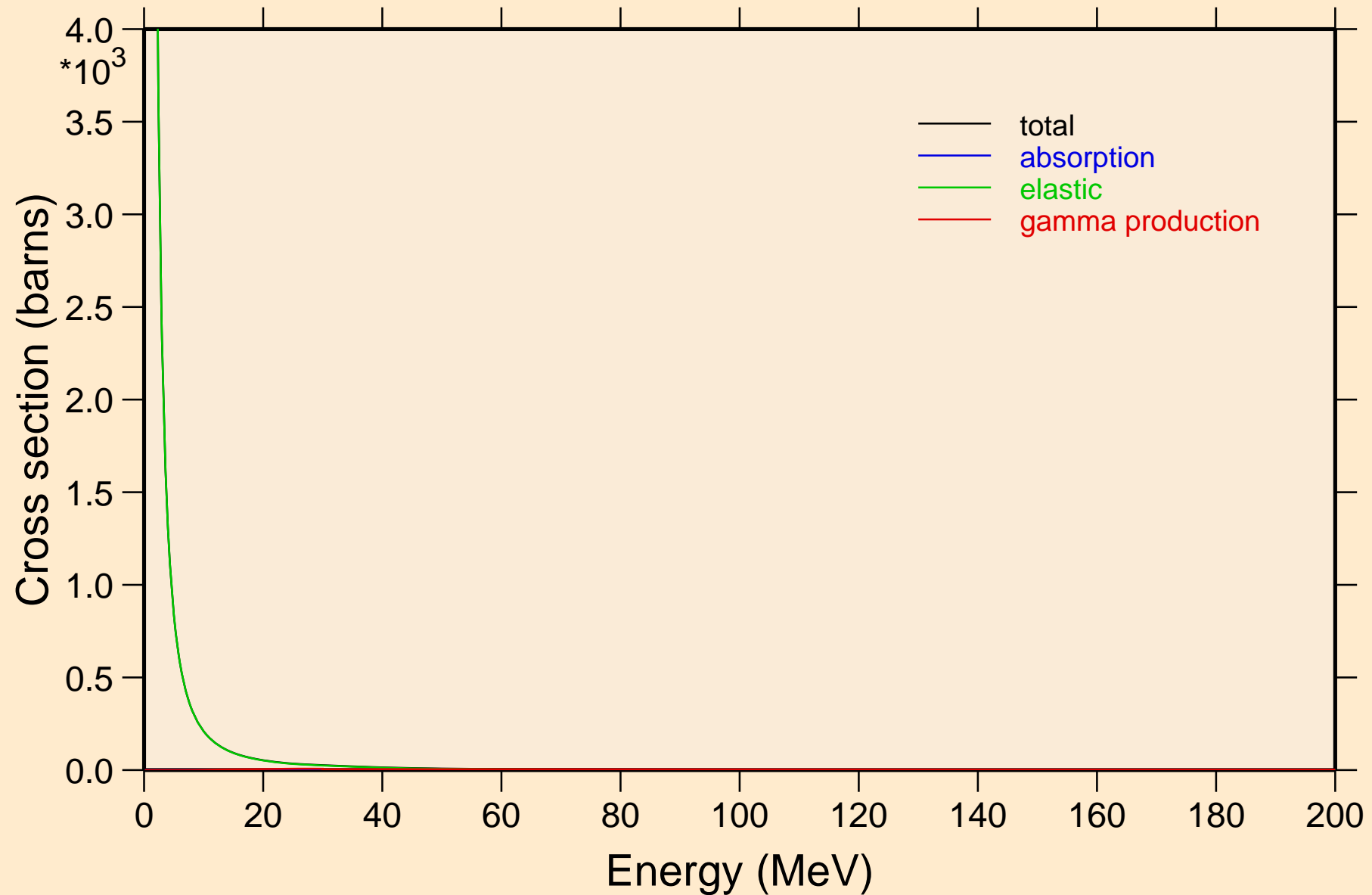
# CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



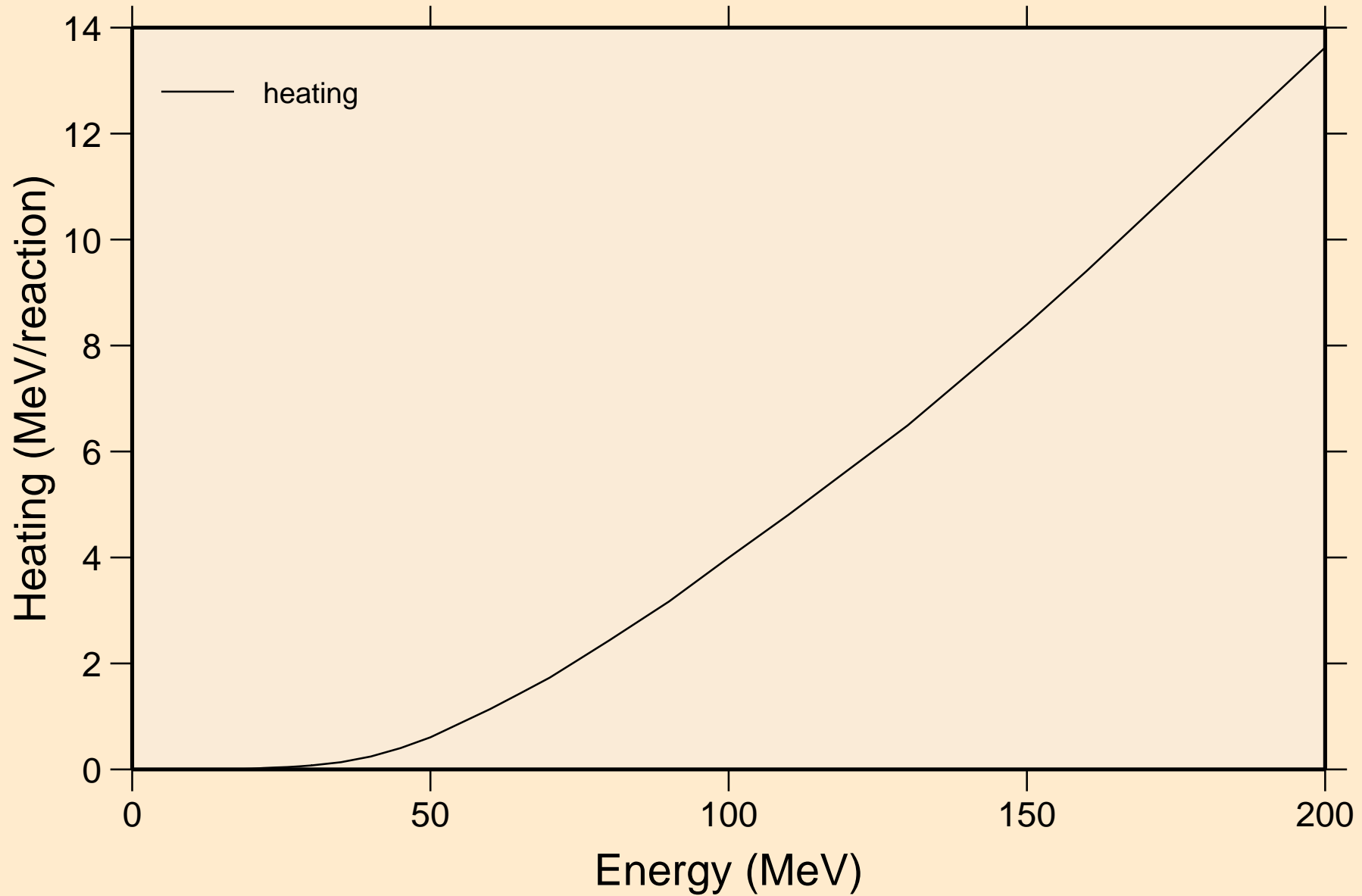
# CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



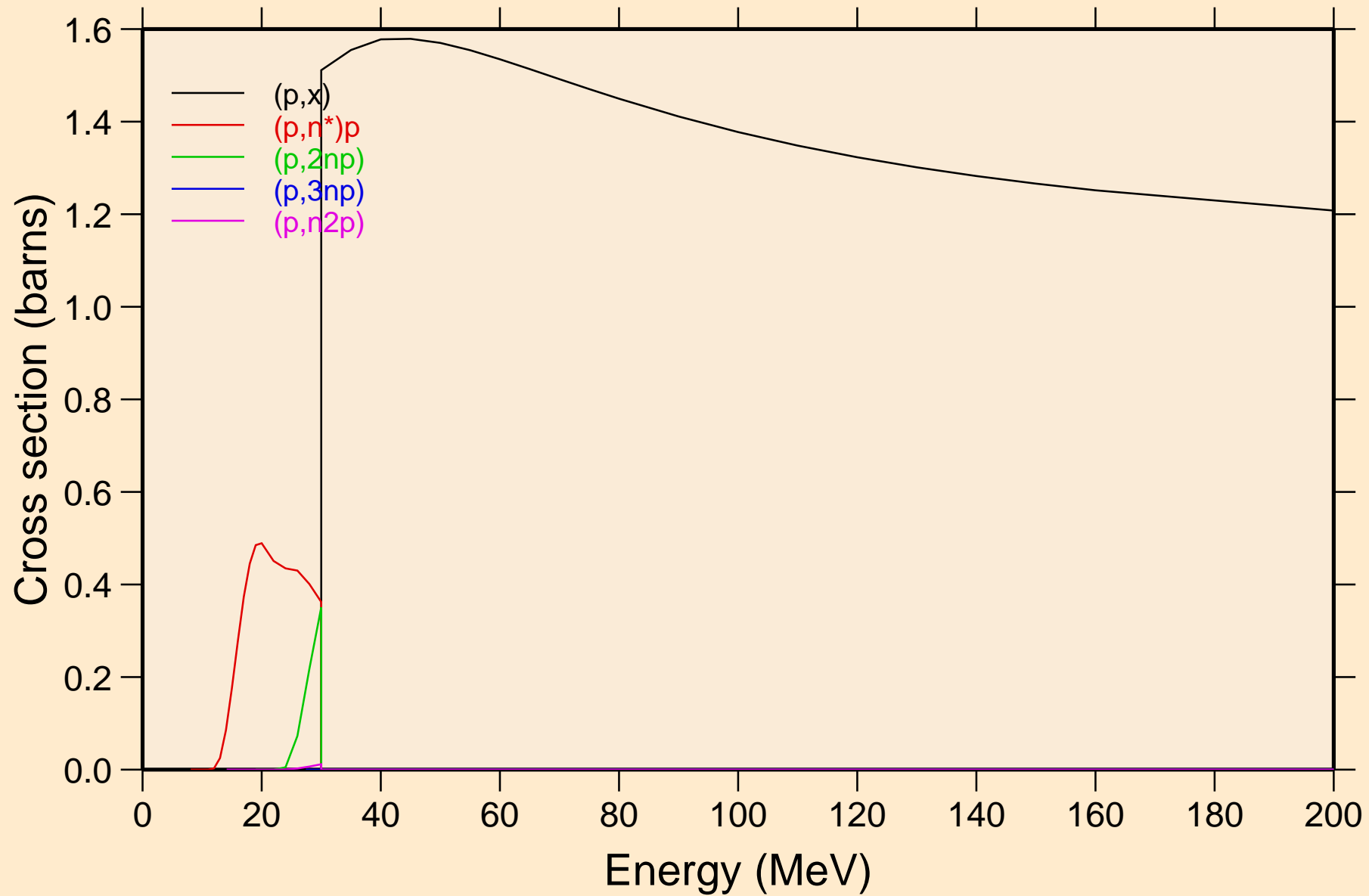
# CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



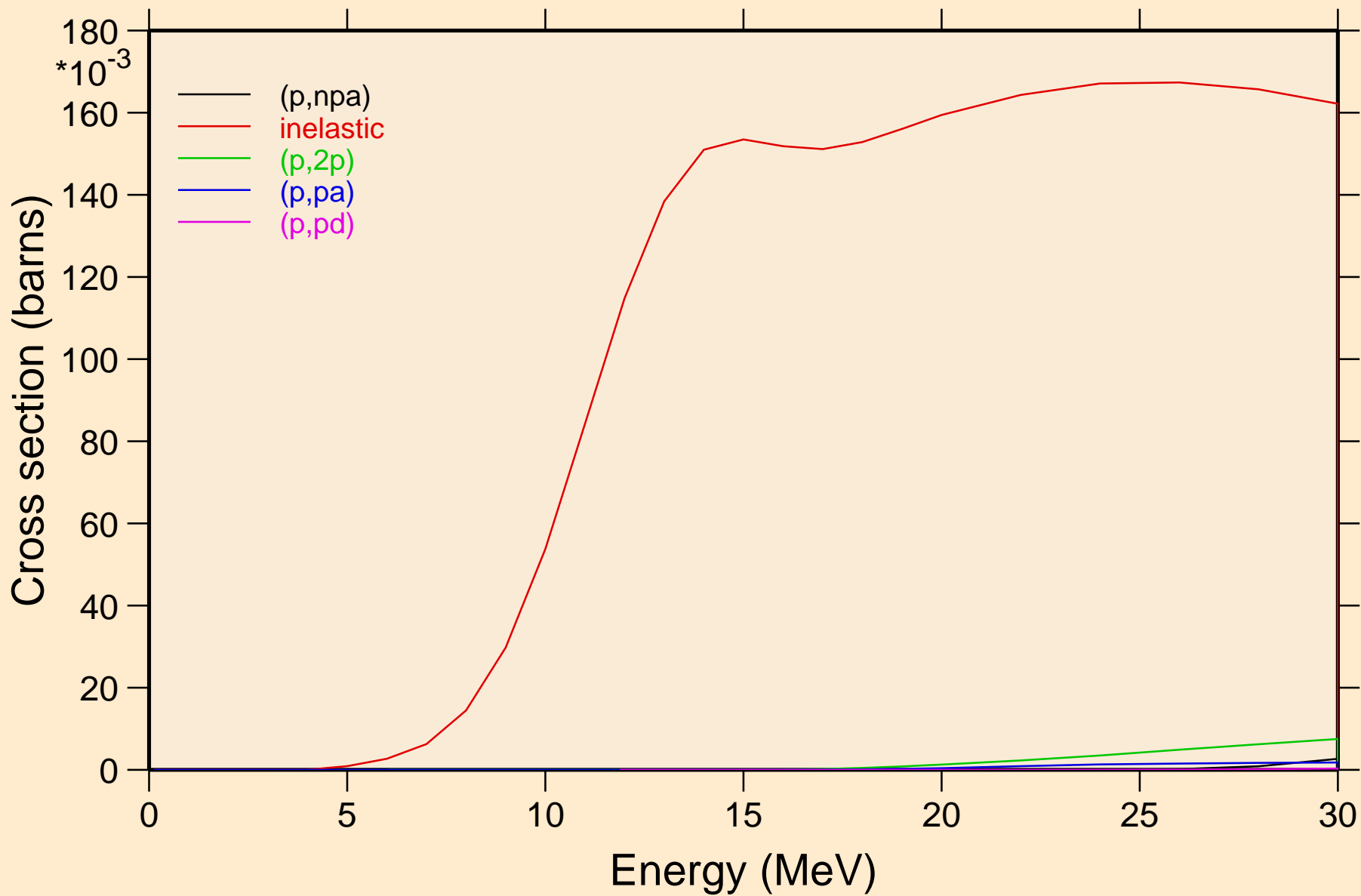
# CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

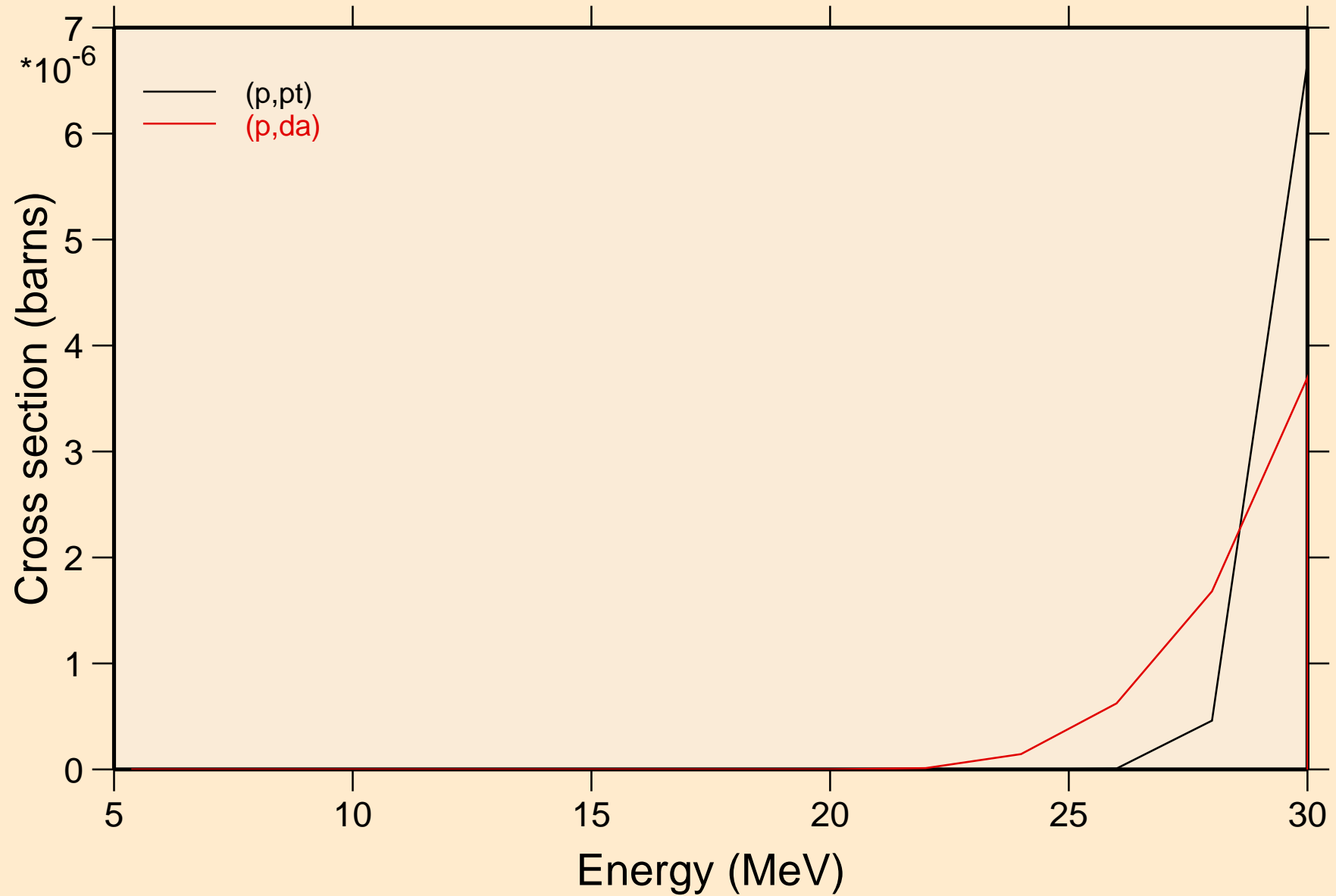


# CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K

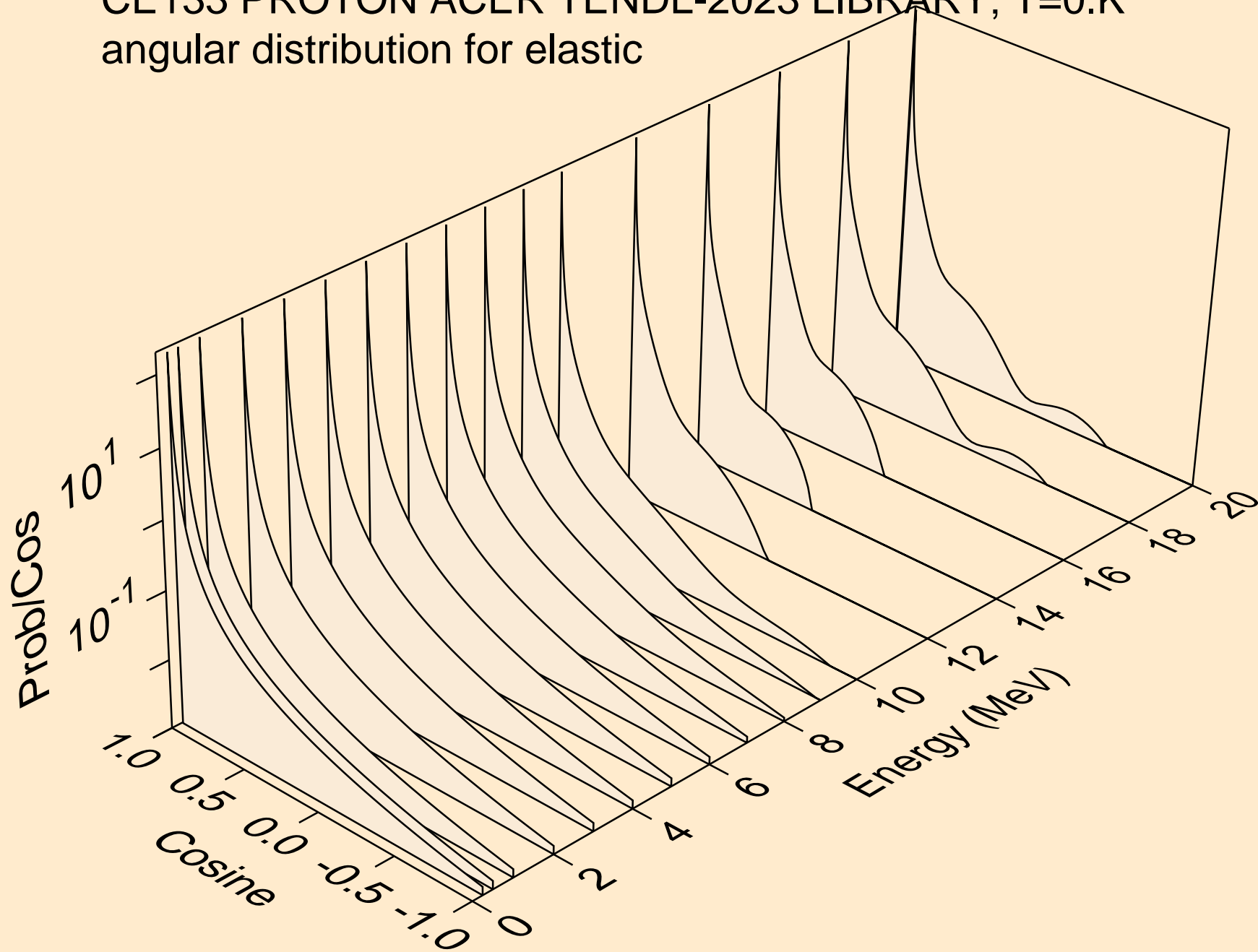
## Threshold reactions



CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

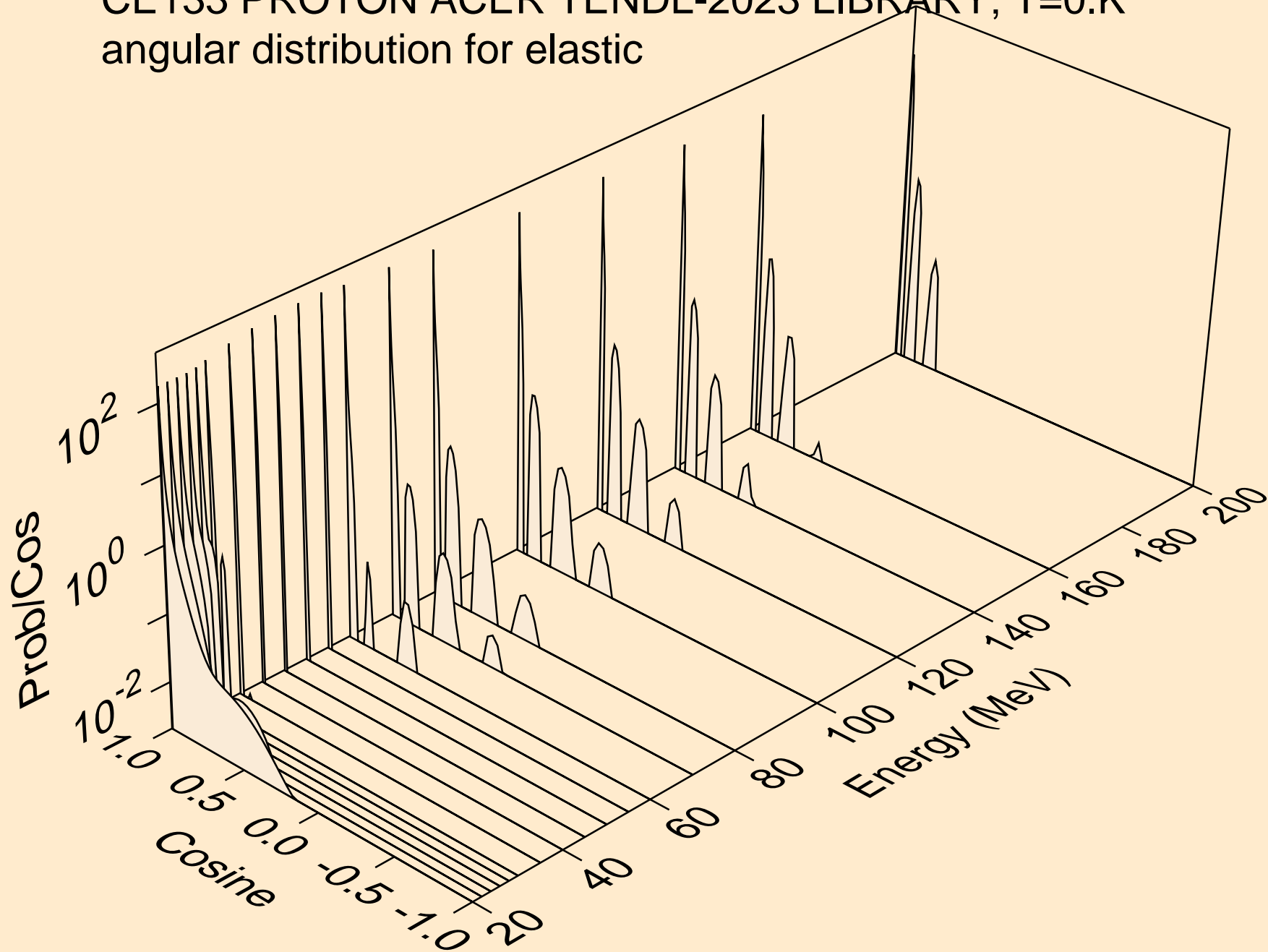


CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

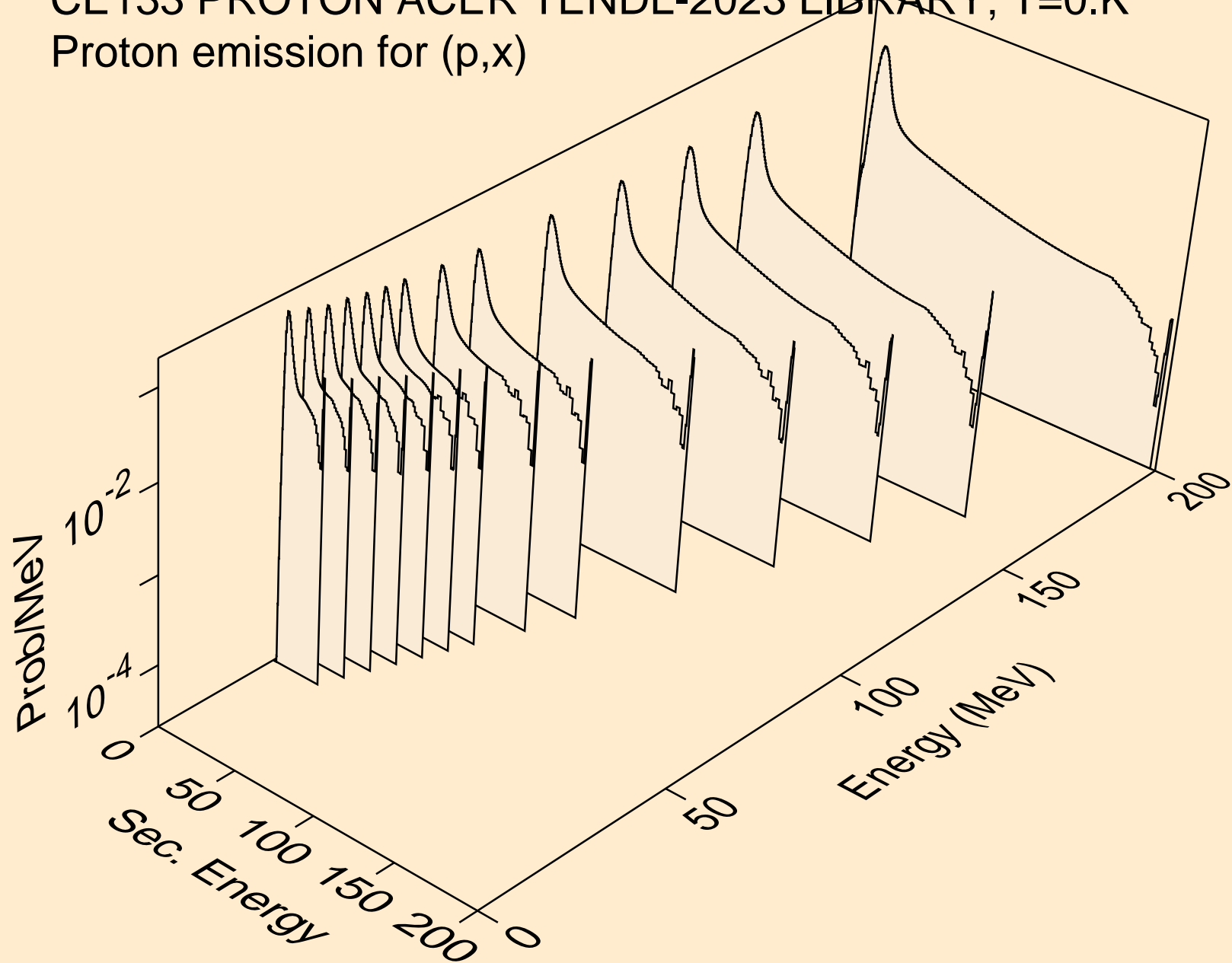




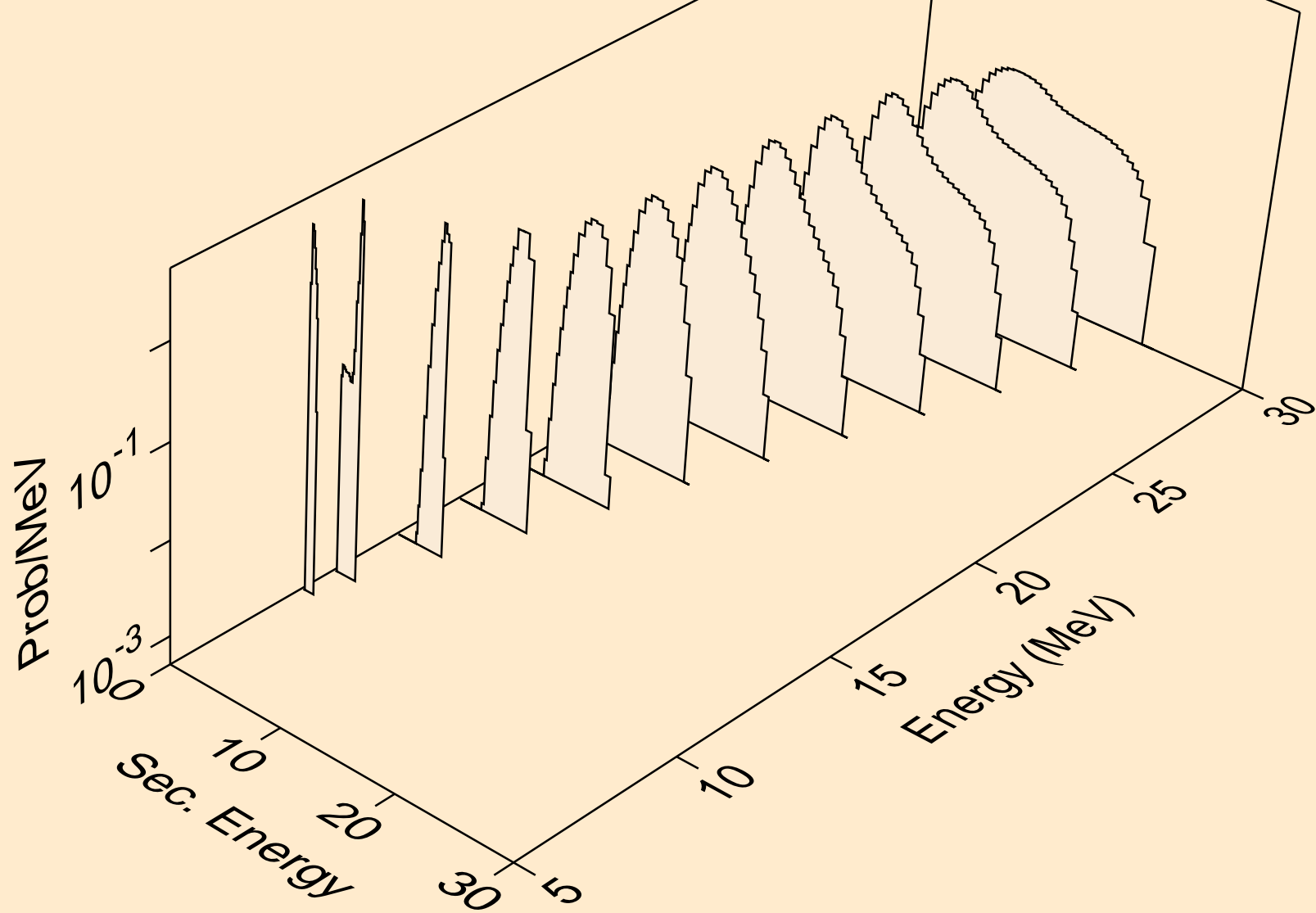
CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



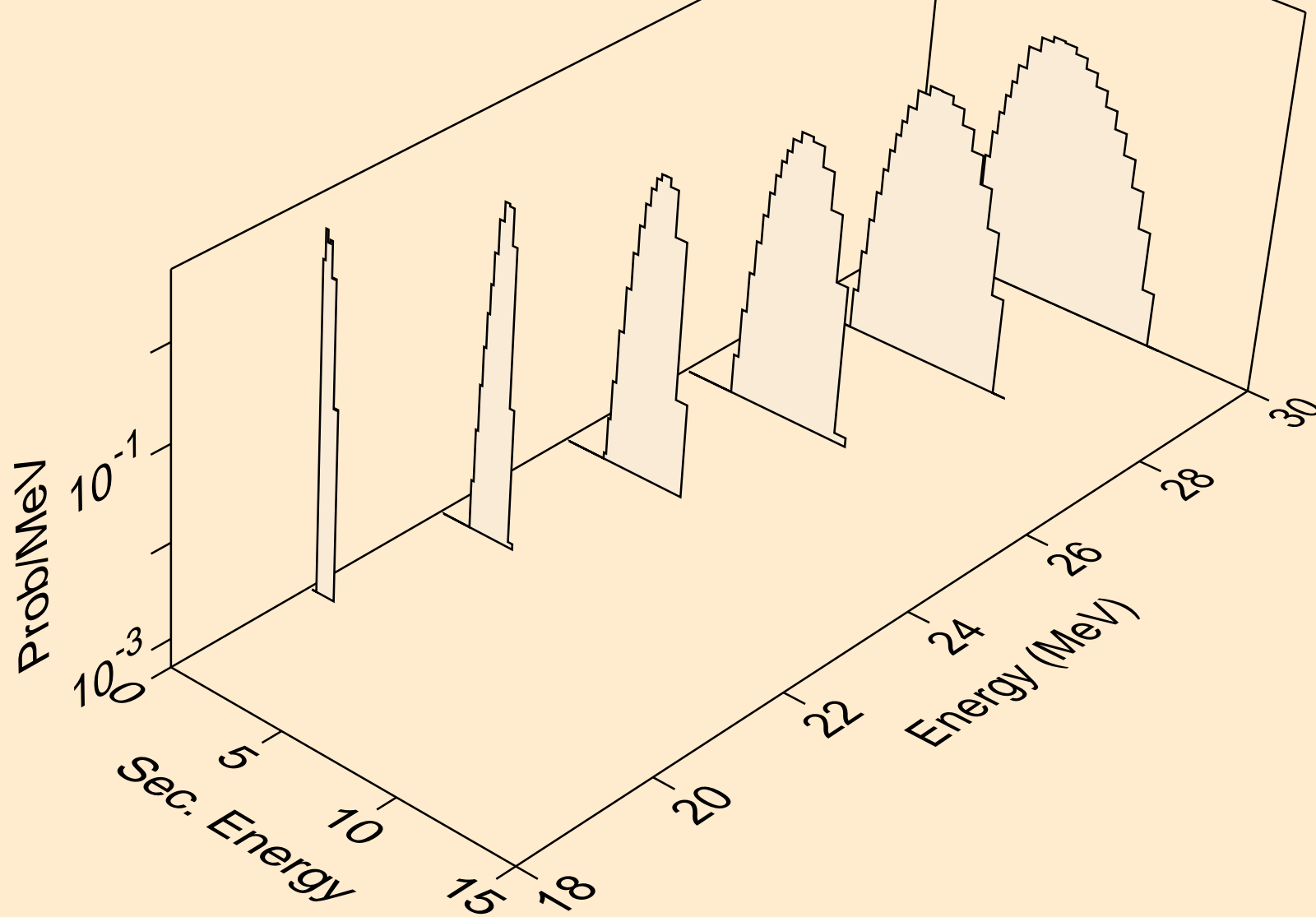
CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



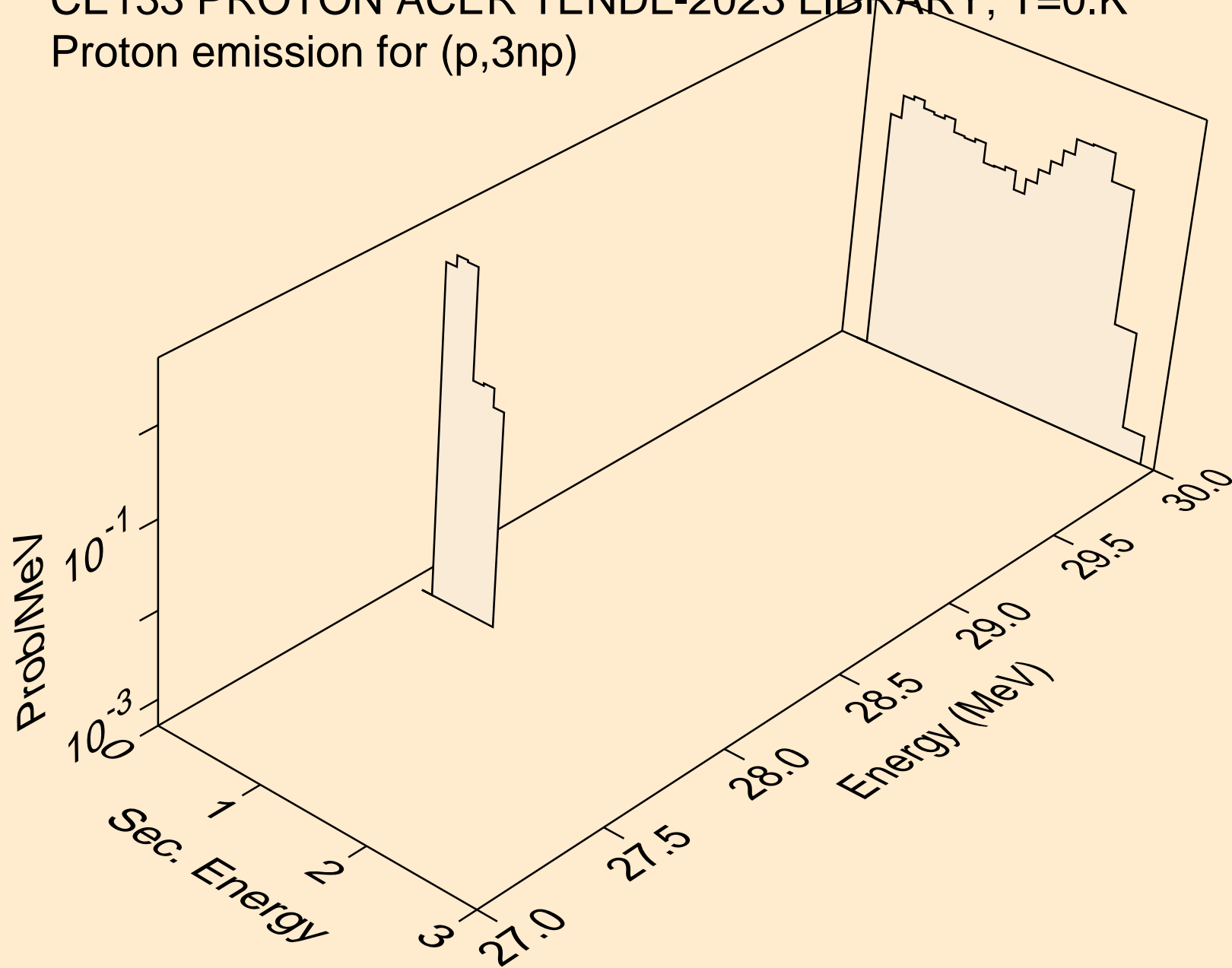
CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



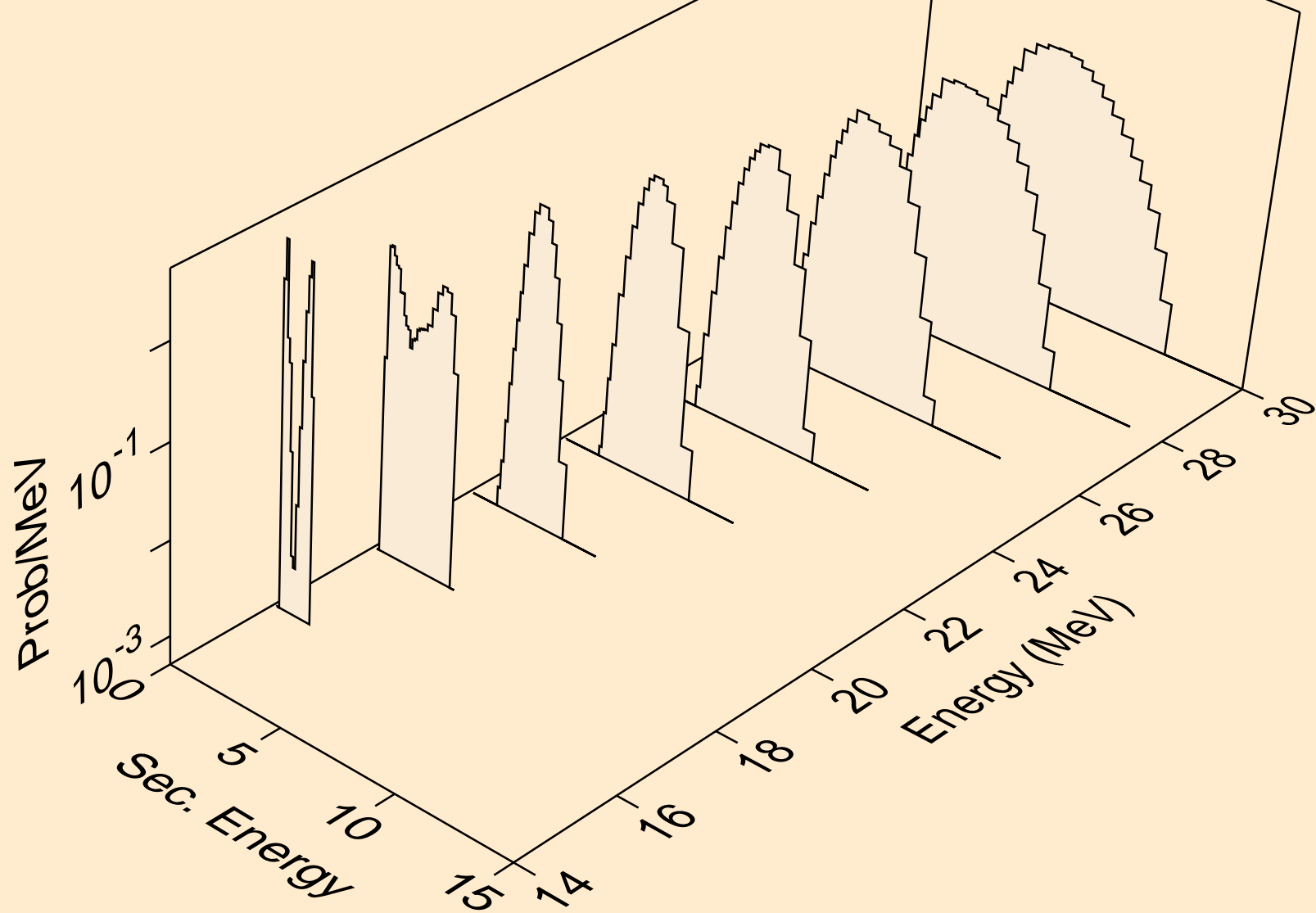
CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



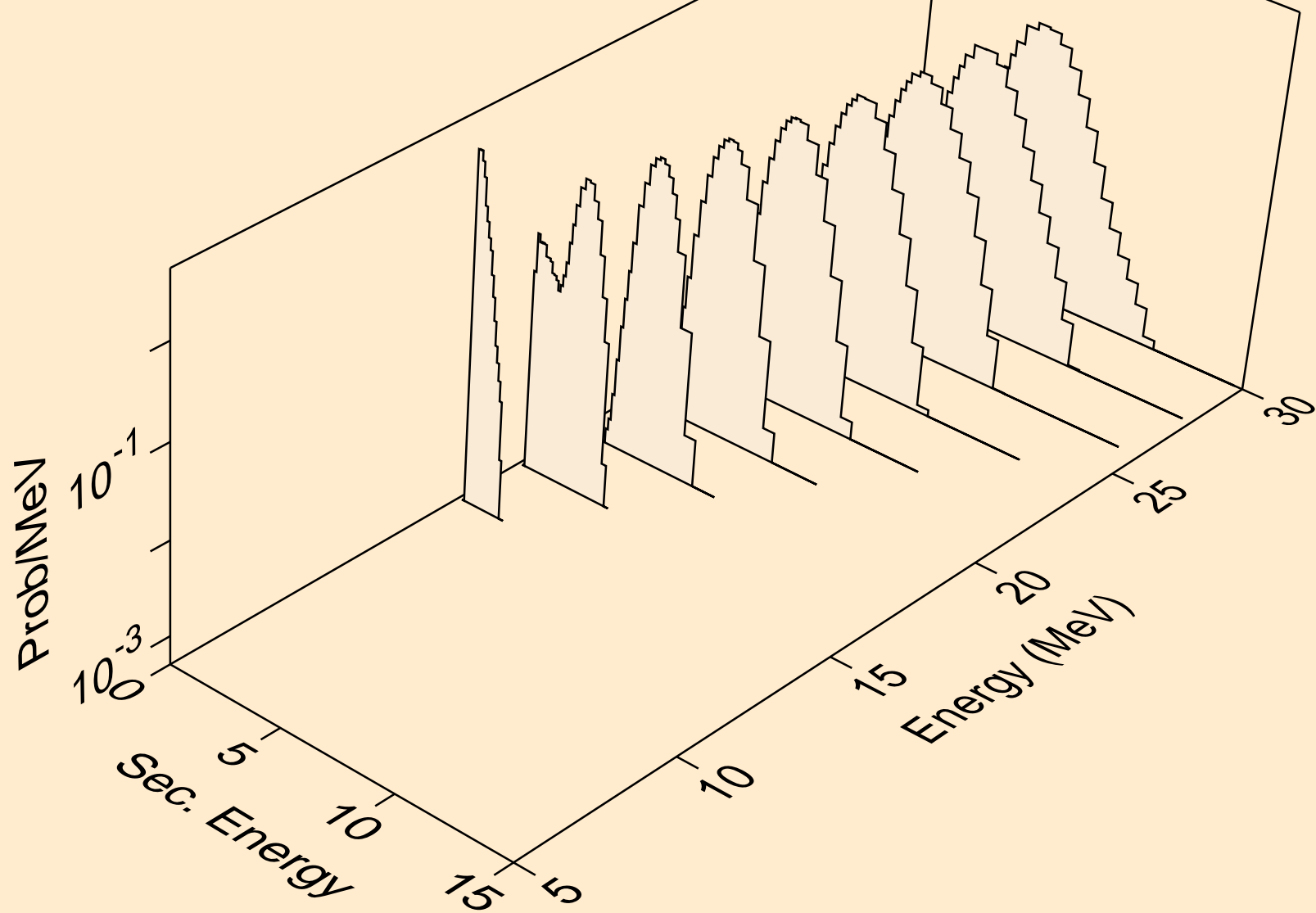
CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



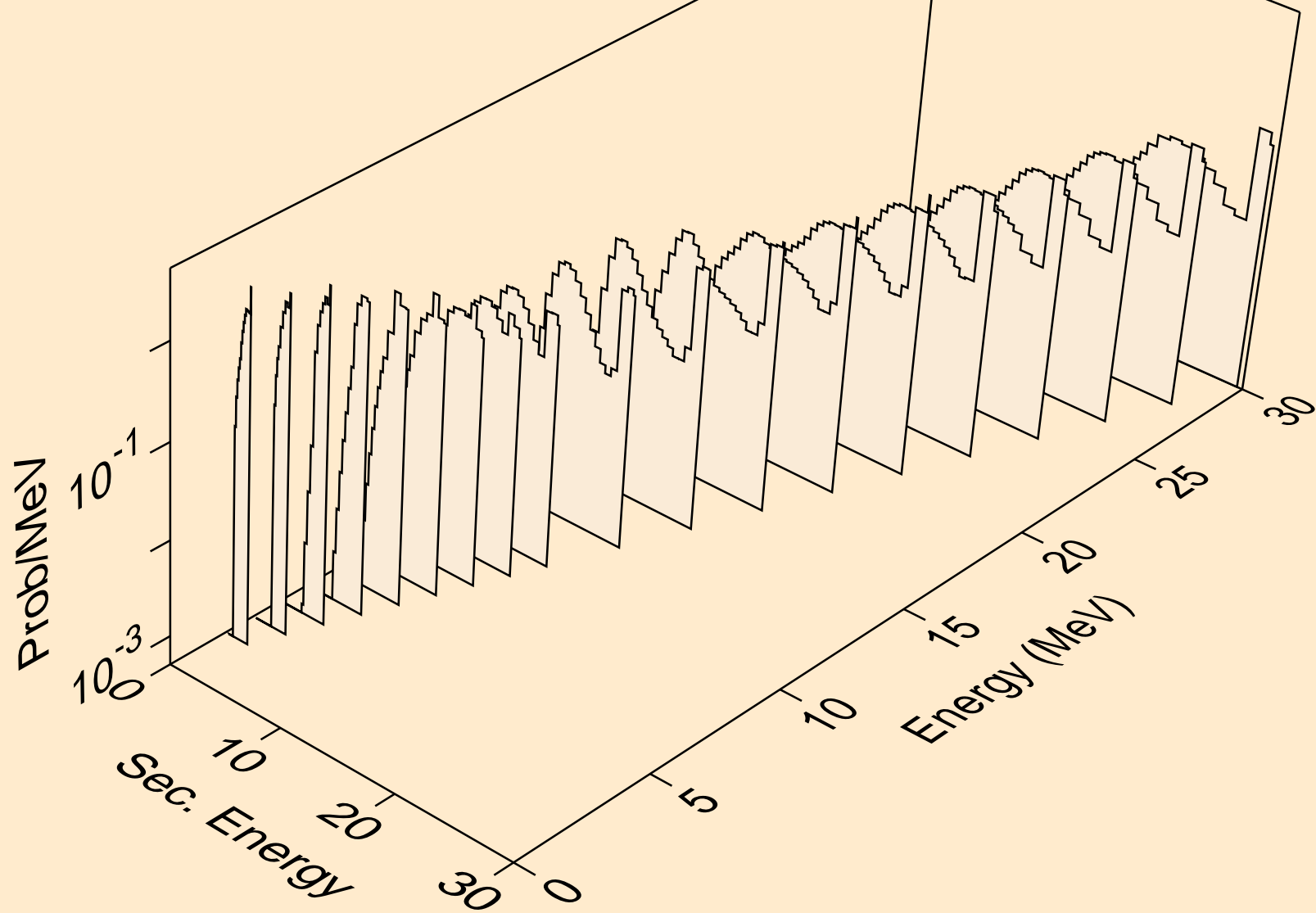
CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)

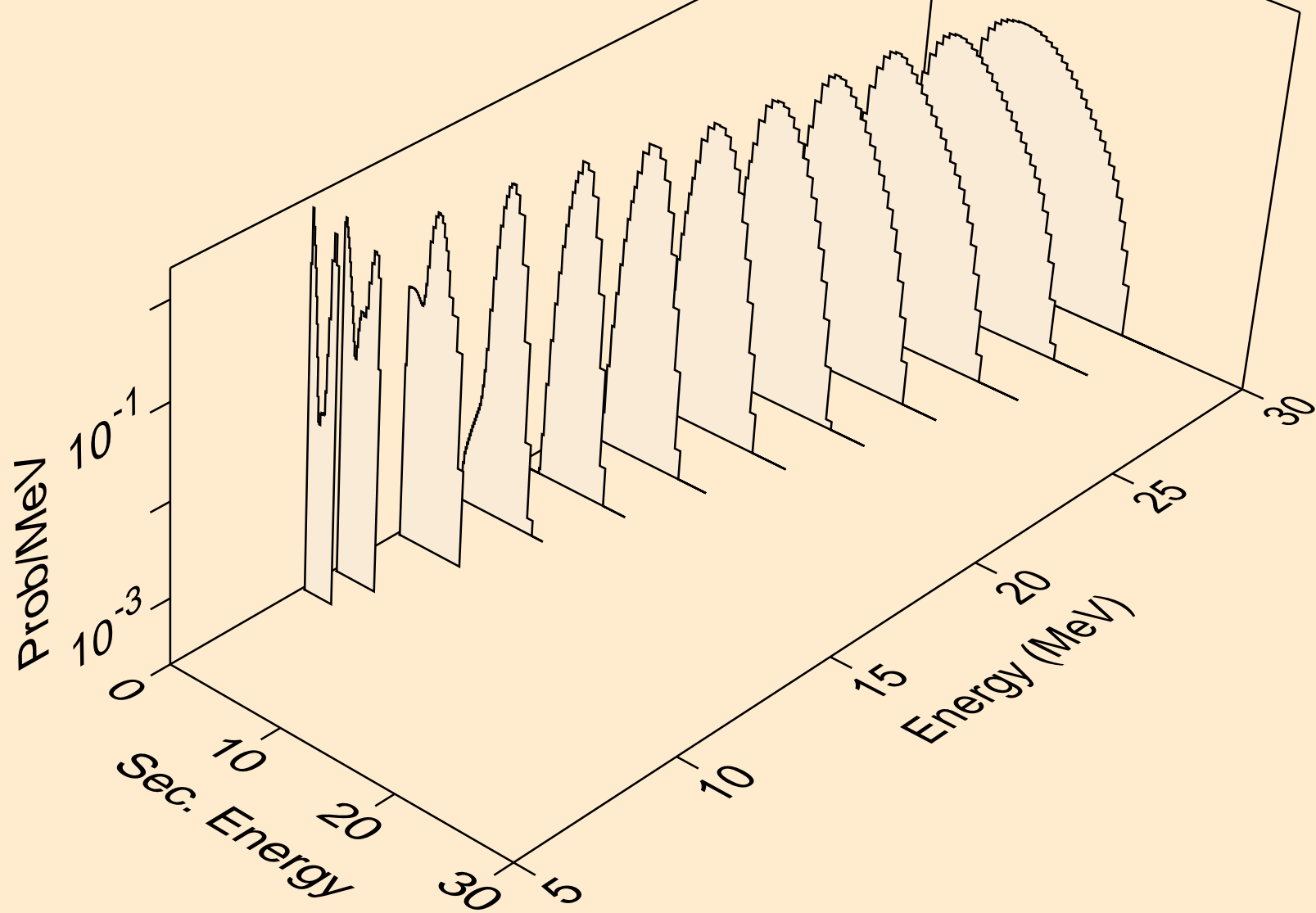


CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

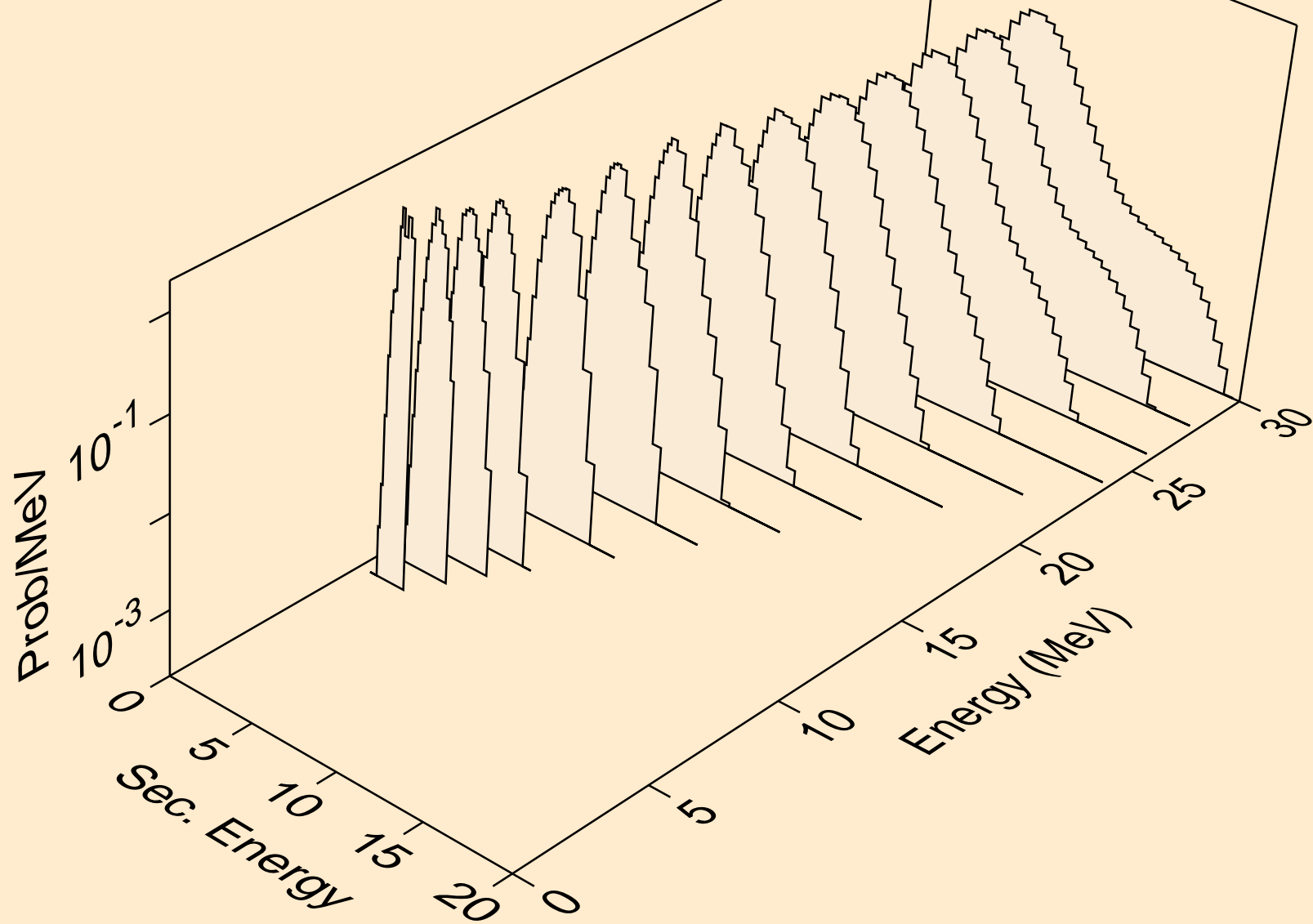




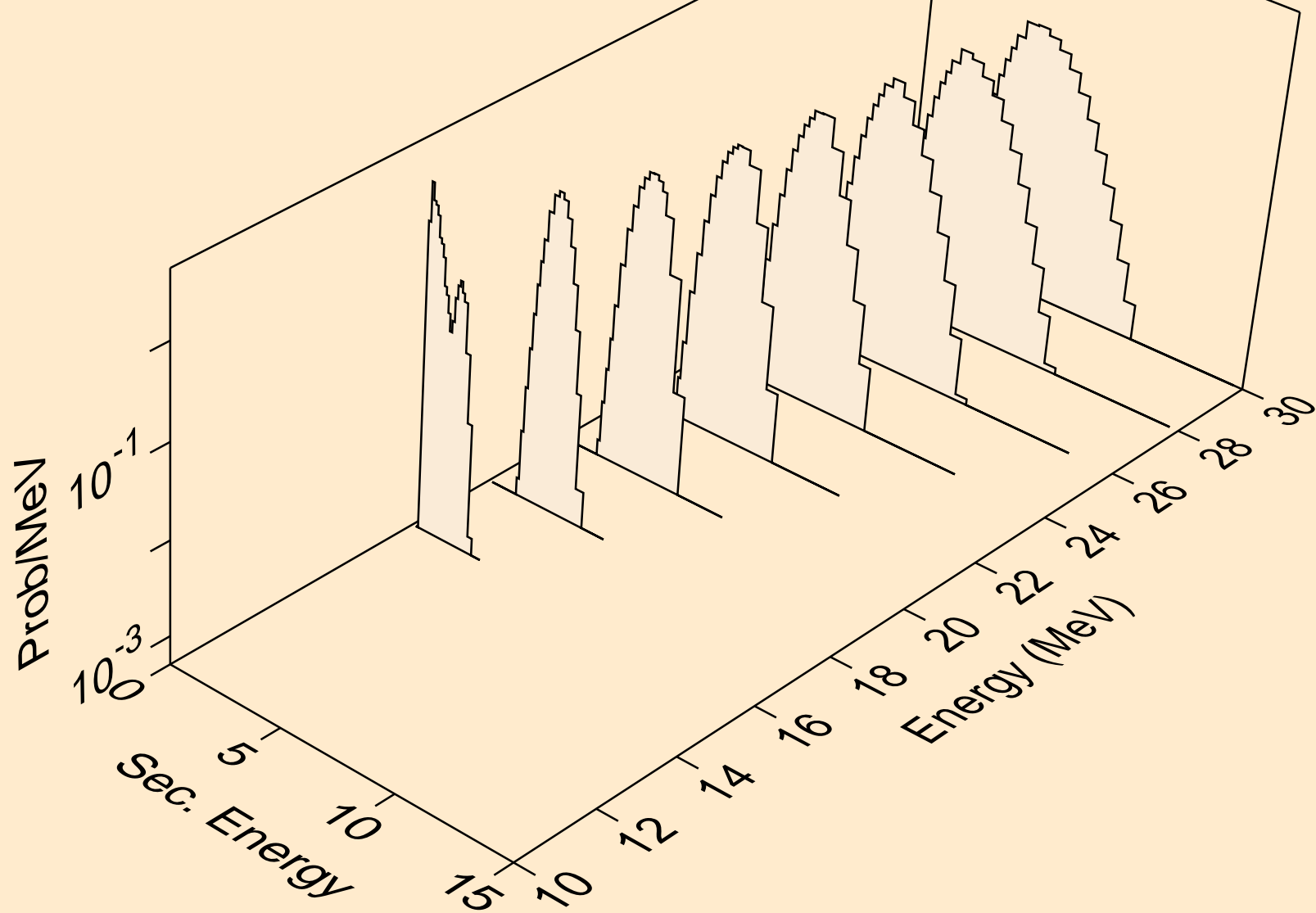
CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)

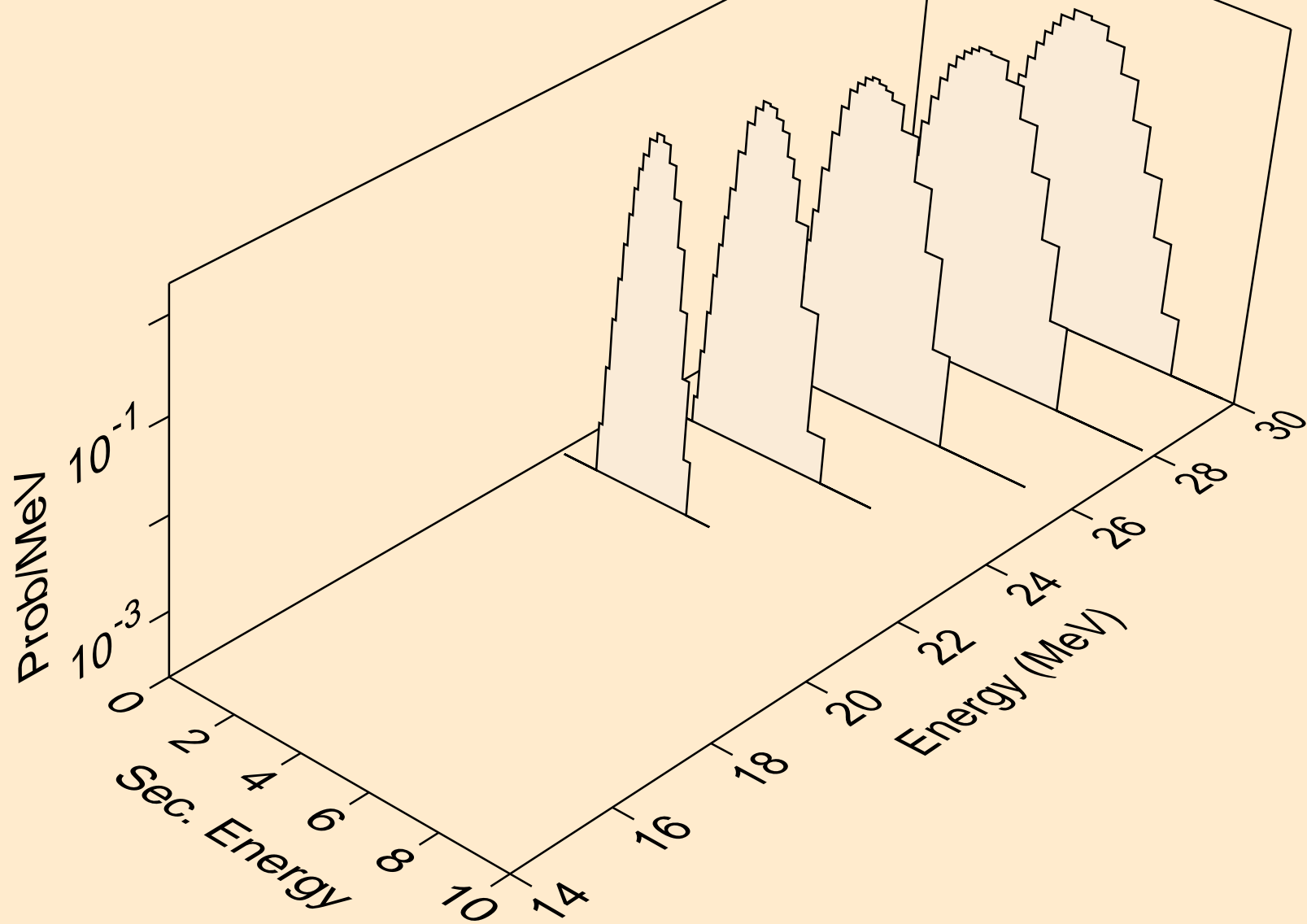


CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)

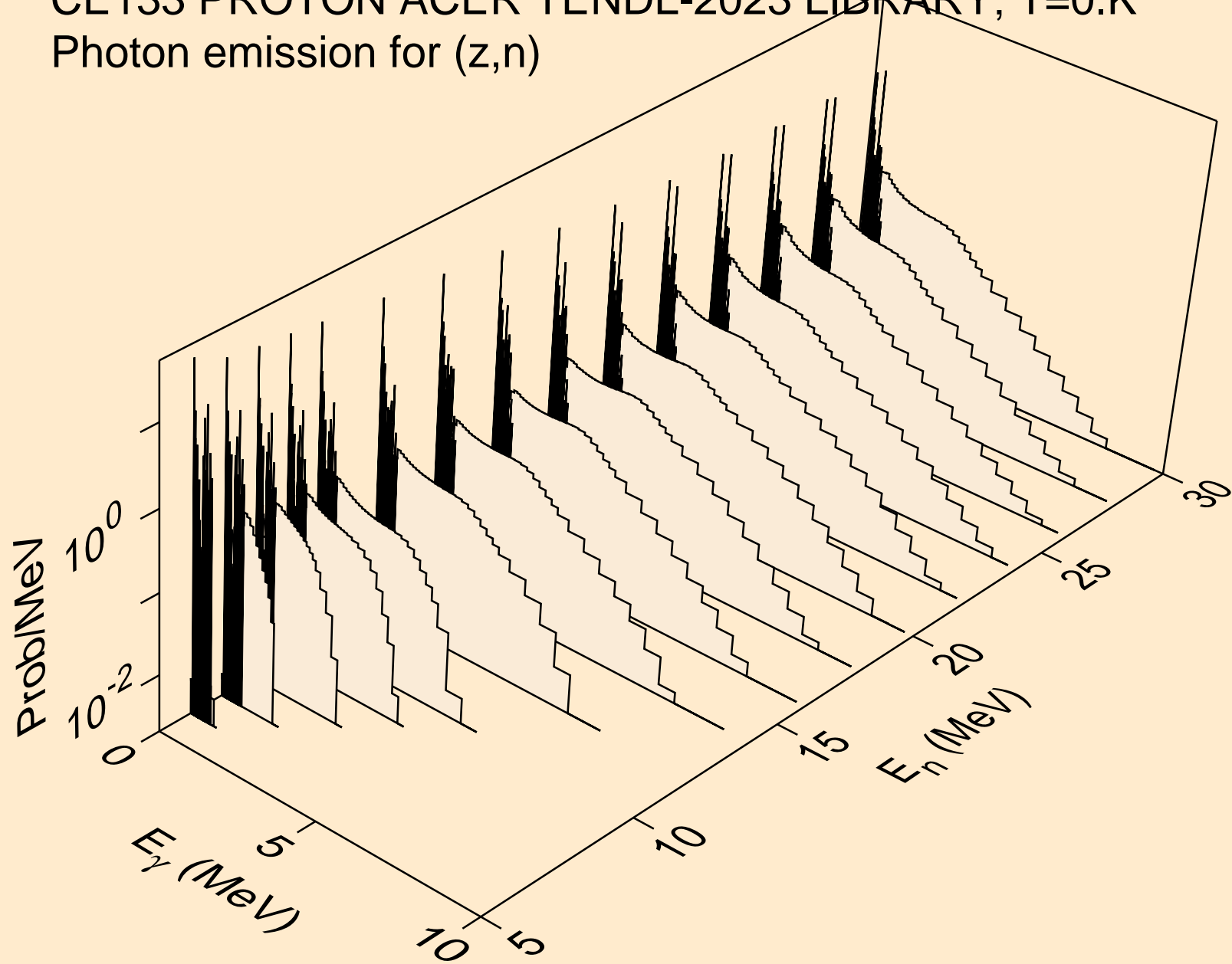


# CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K

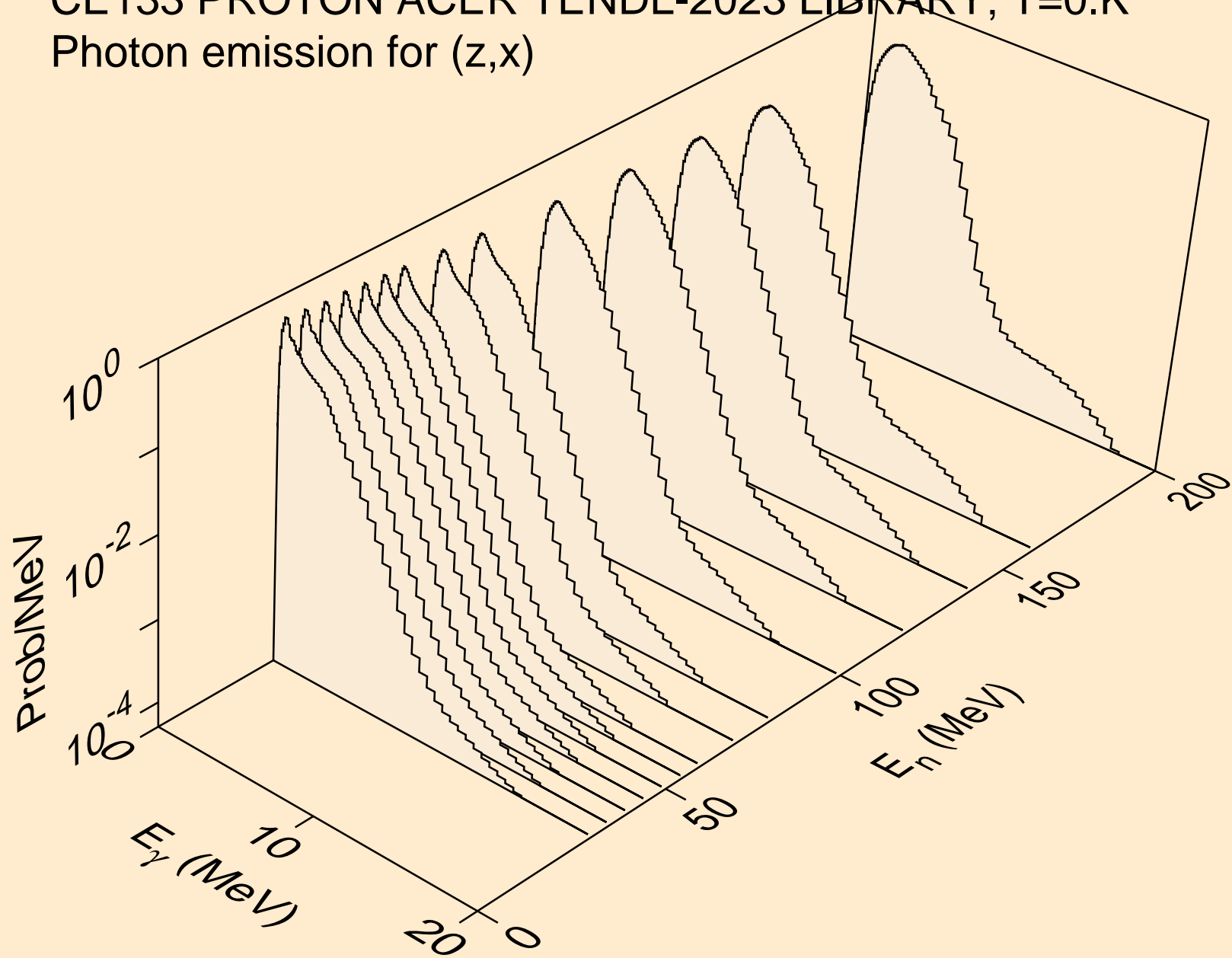
Proton emission for (p,pt)



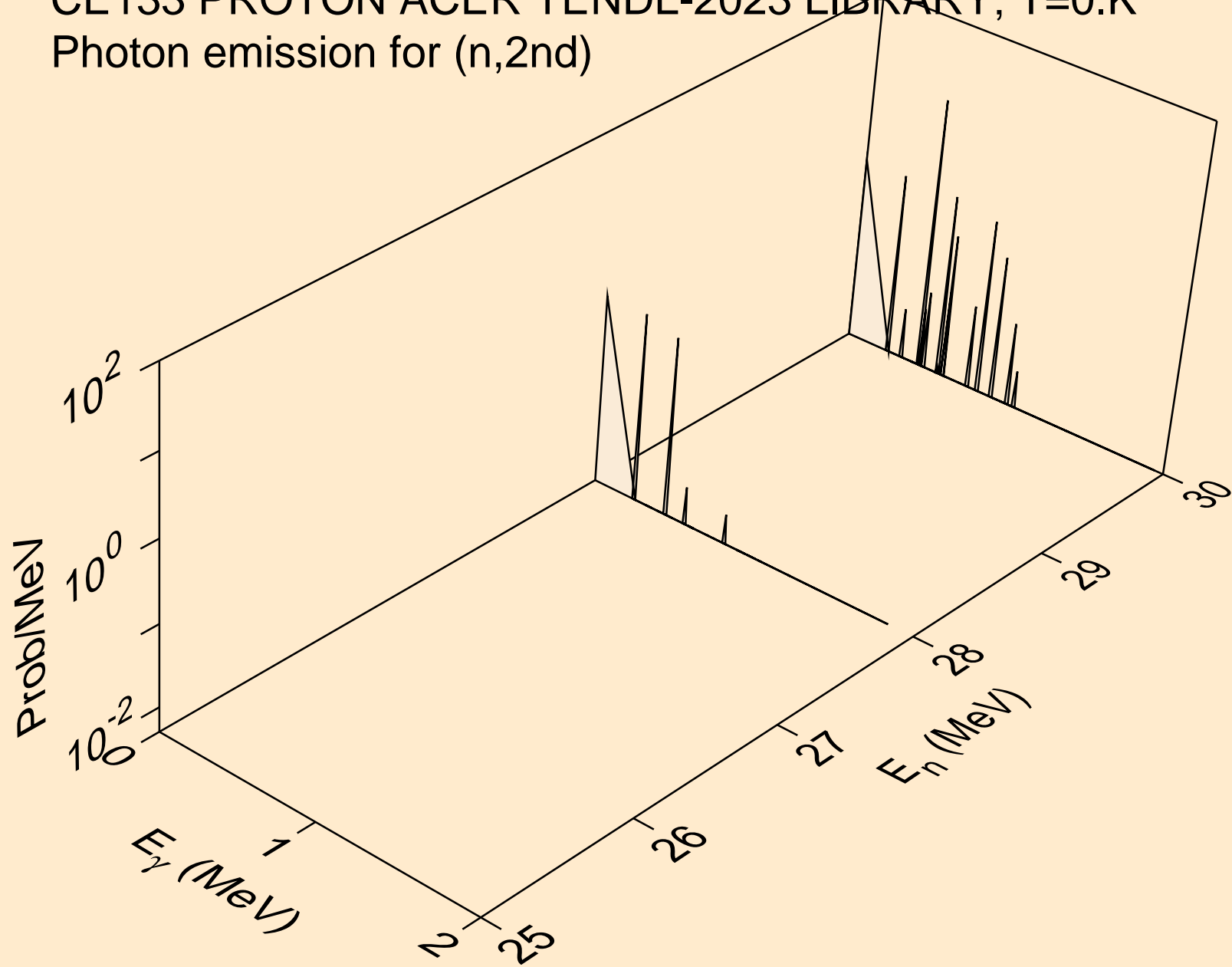
CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



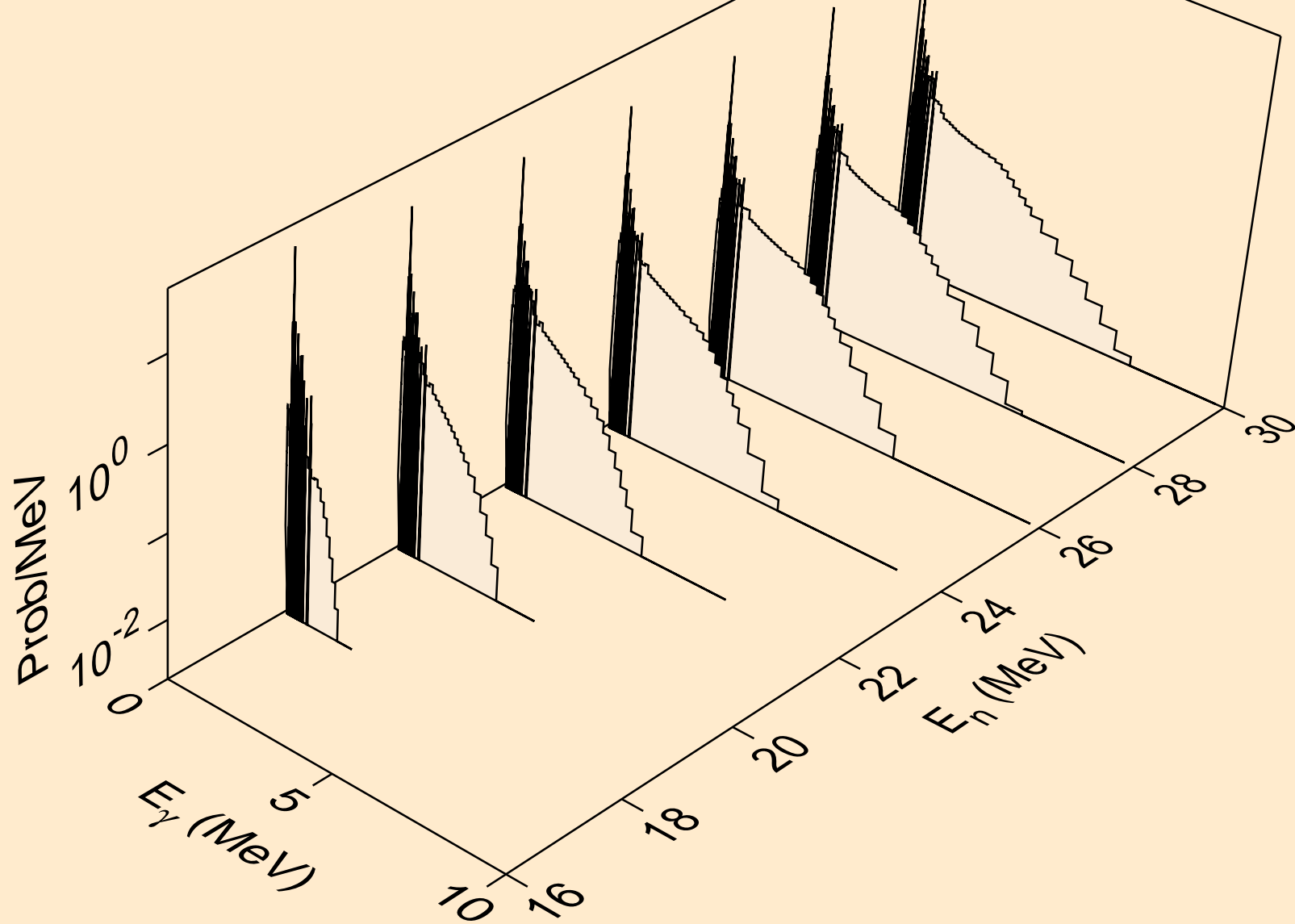
CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

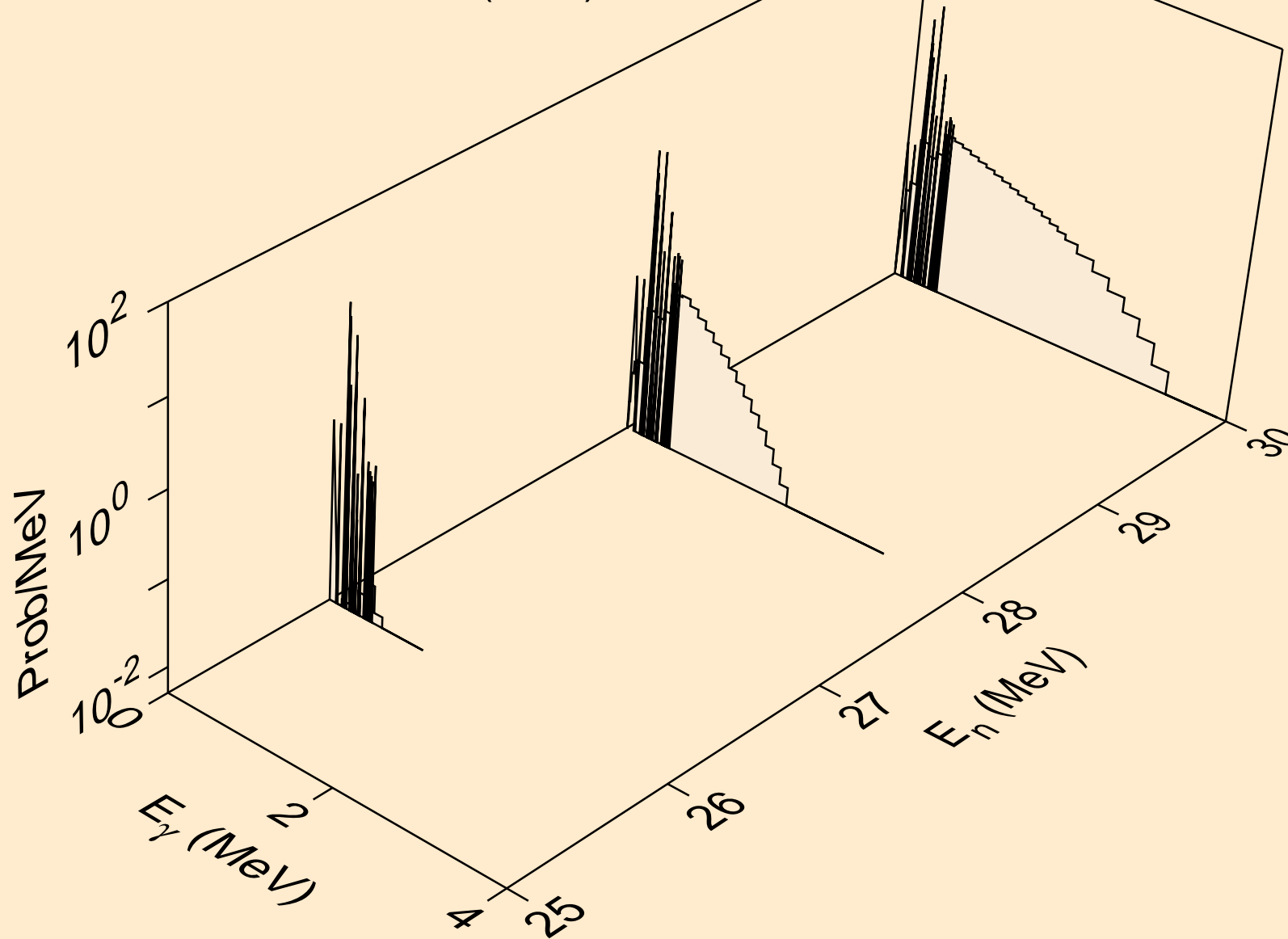


CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

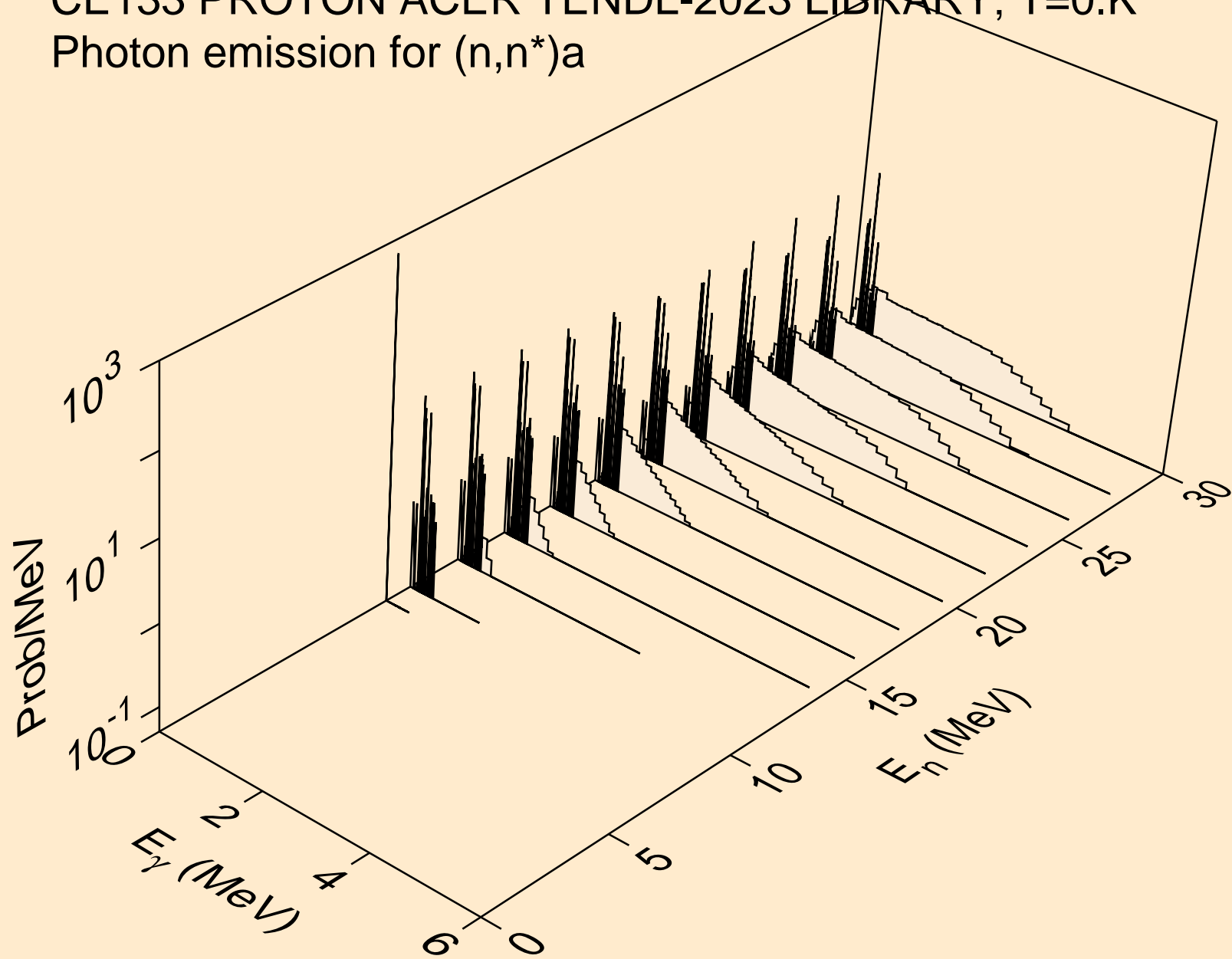




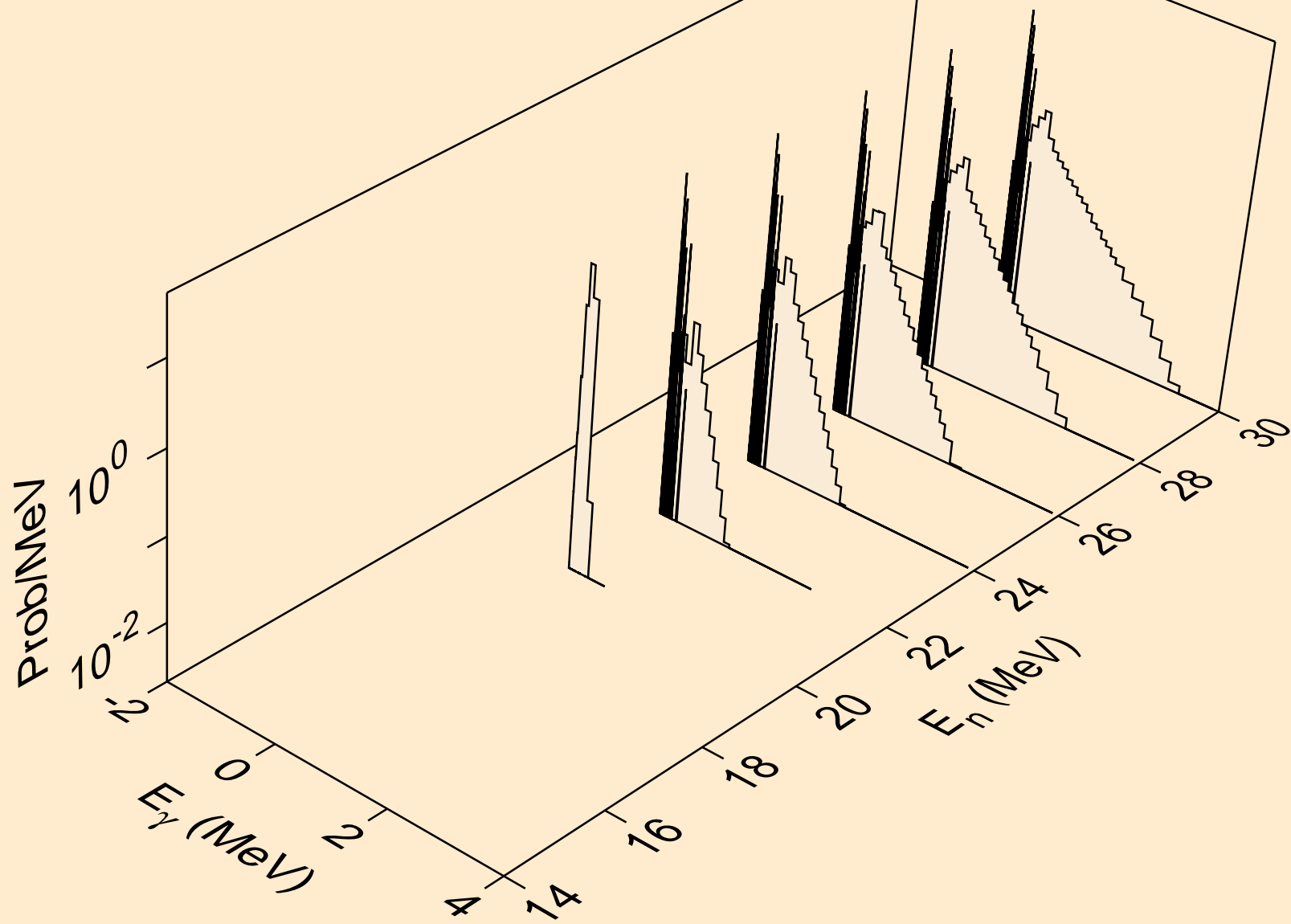
CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



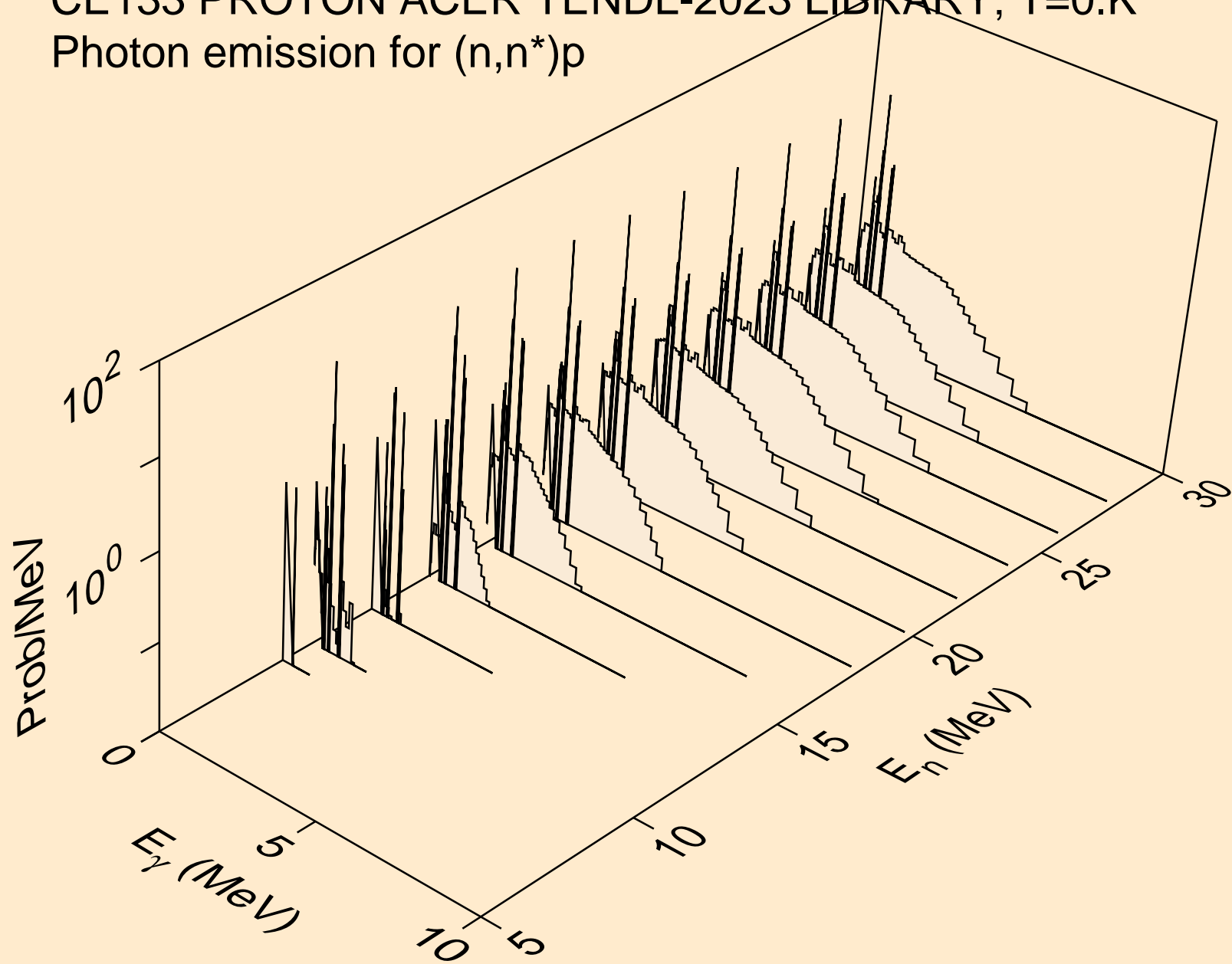
CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



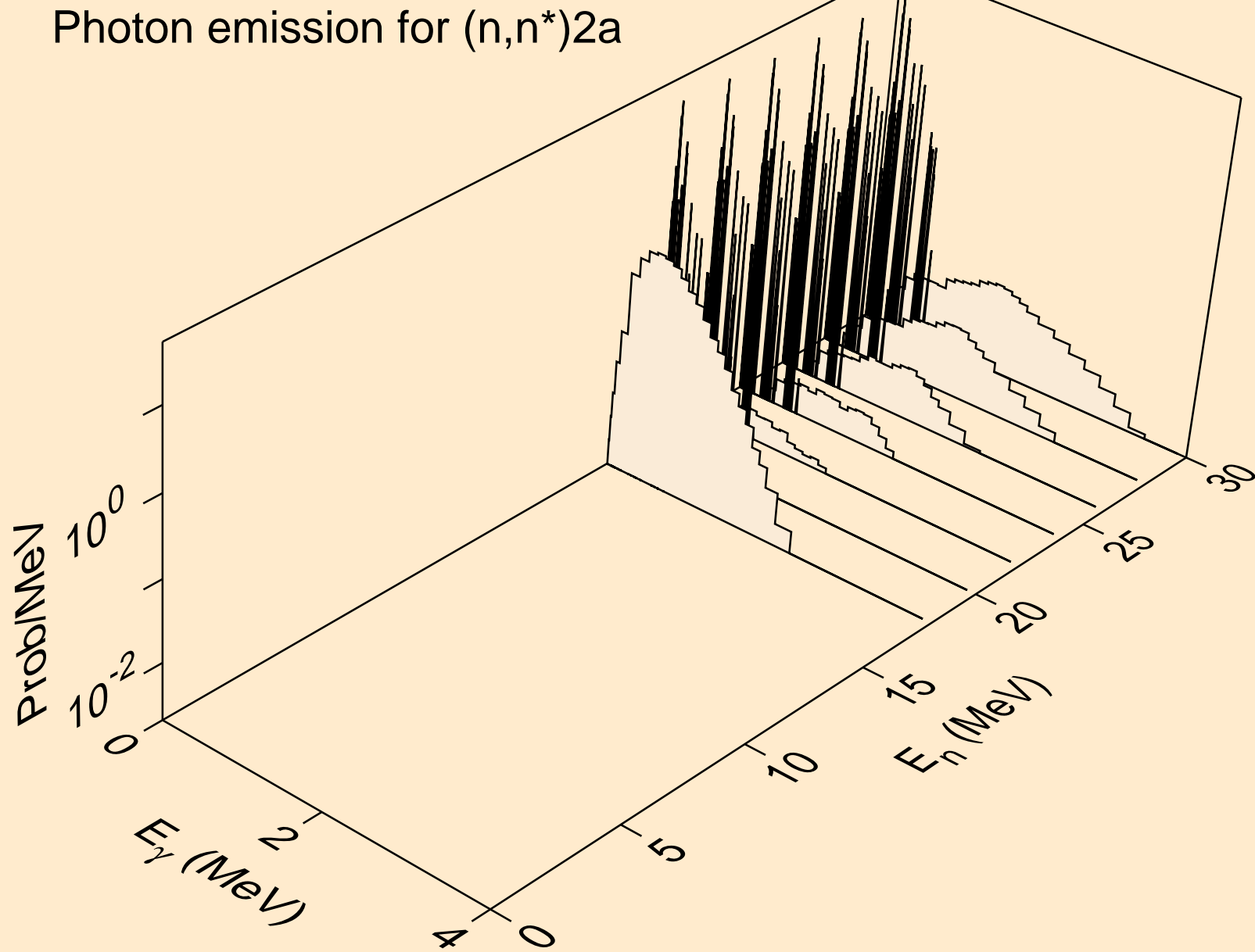
CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



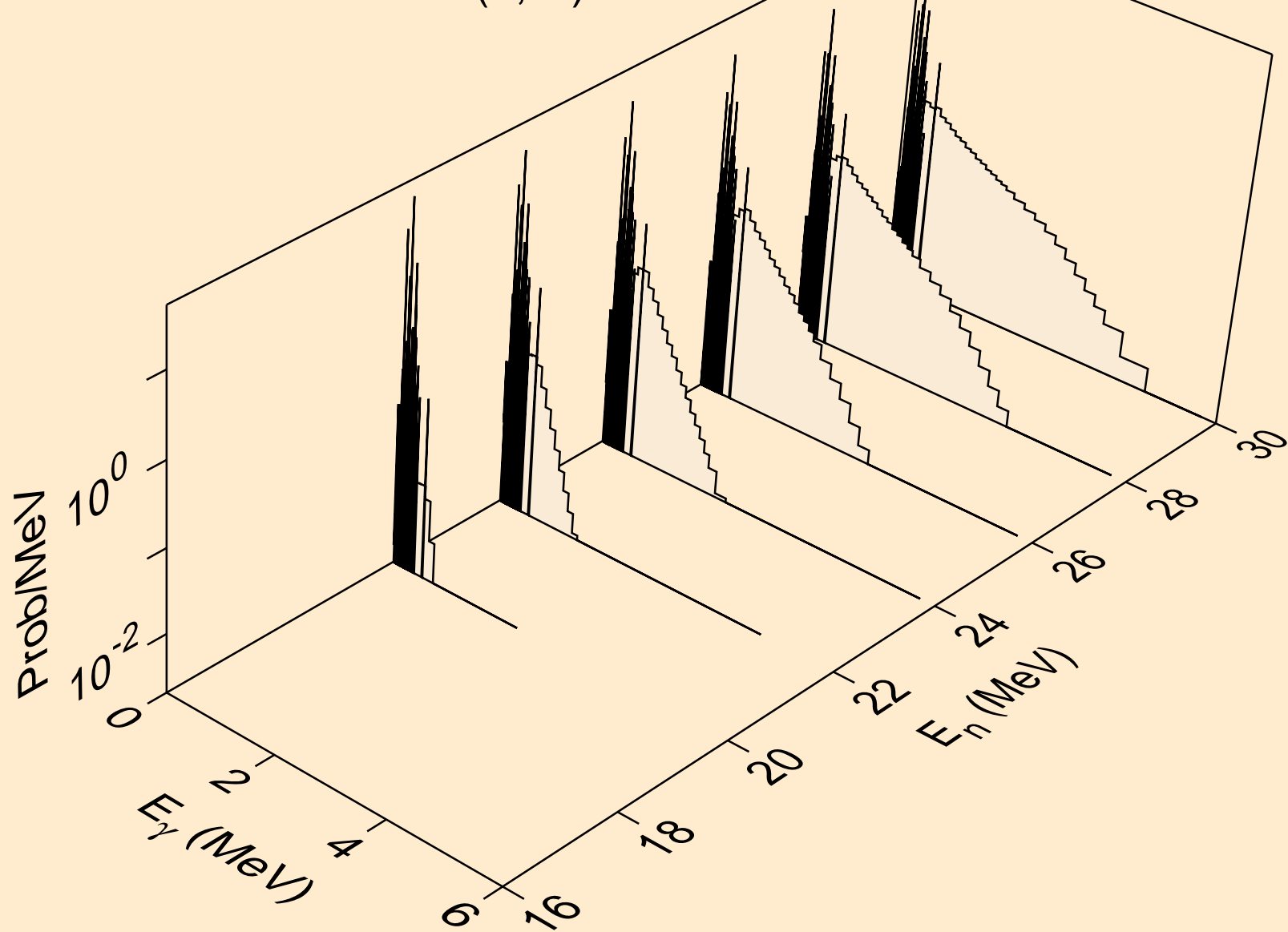
CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



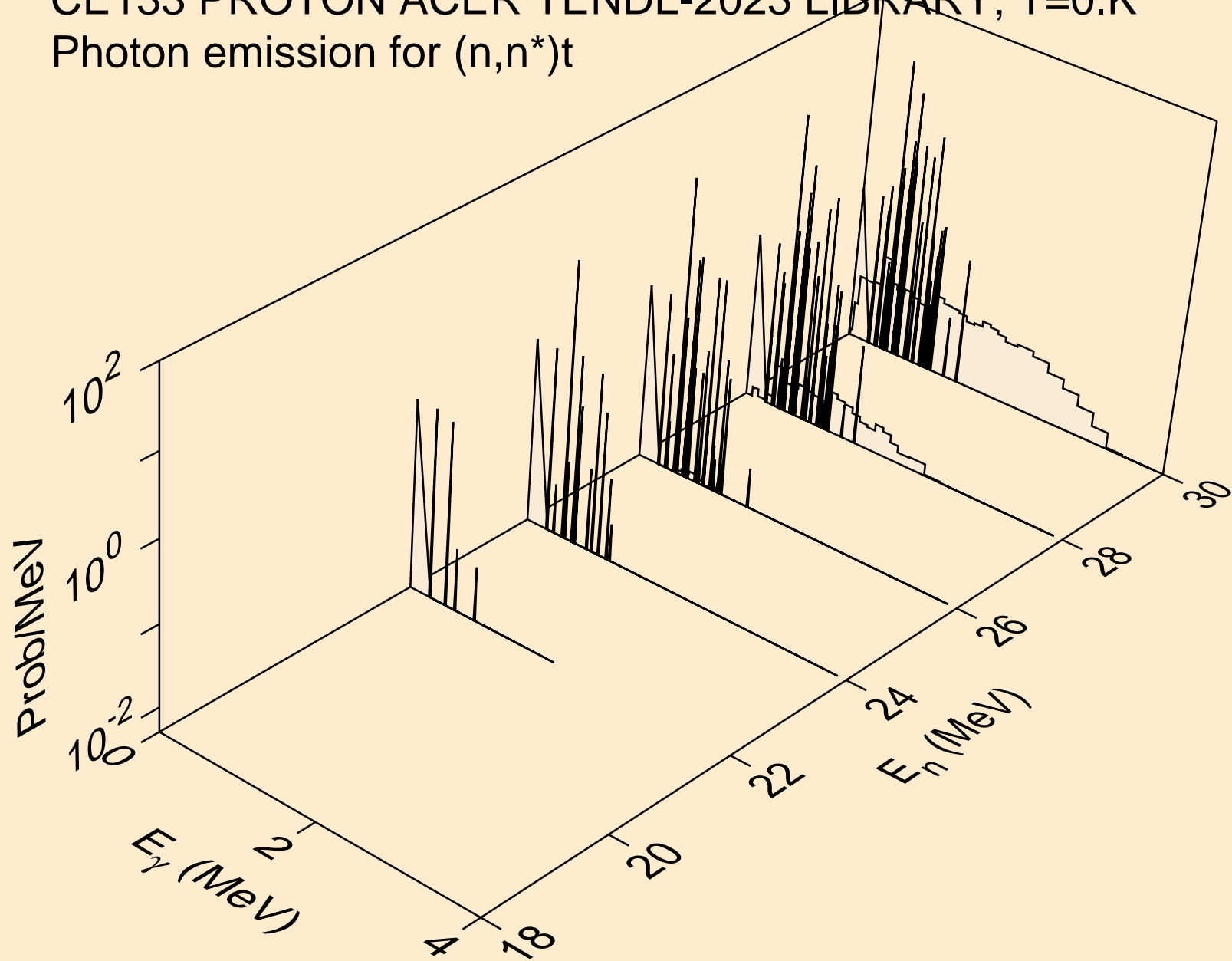
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Photon emission for (n,n\*)2a



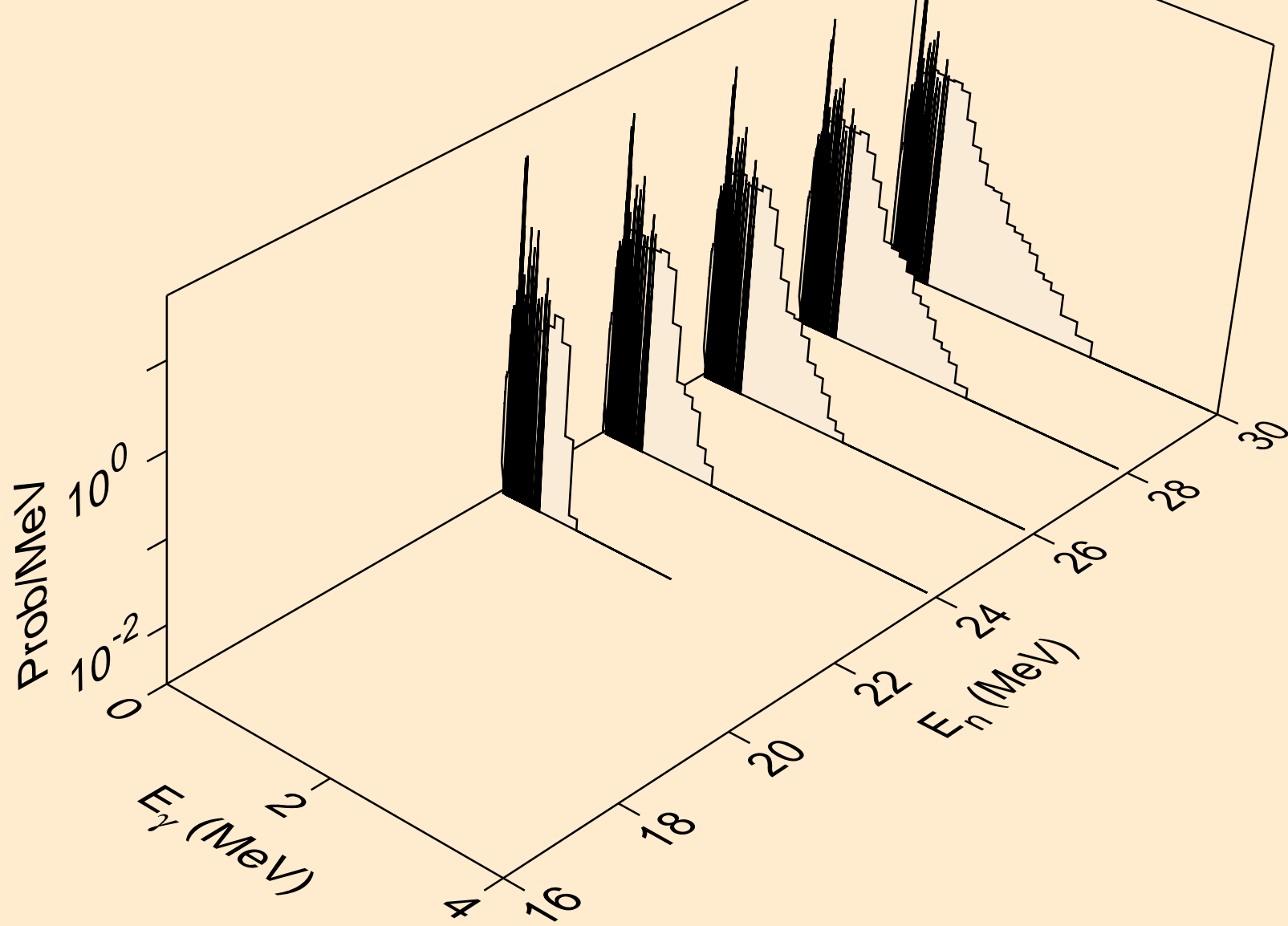
CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

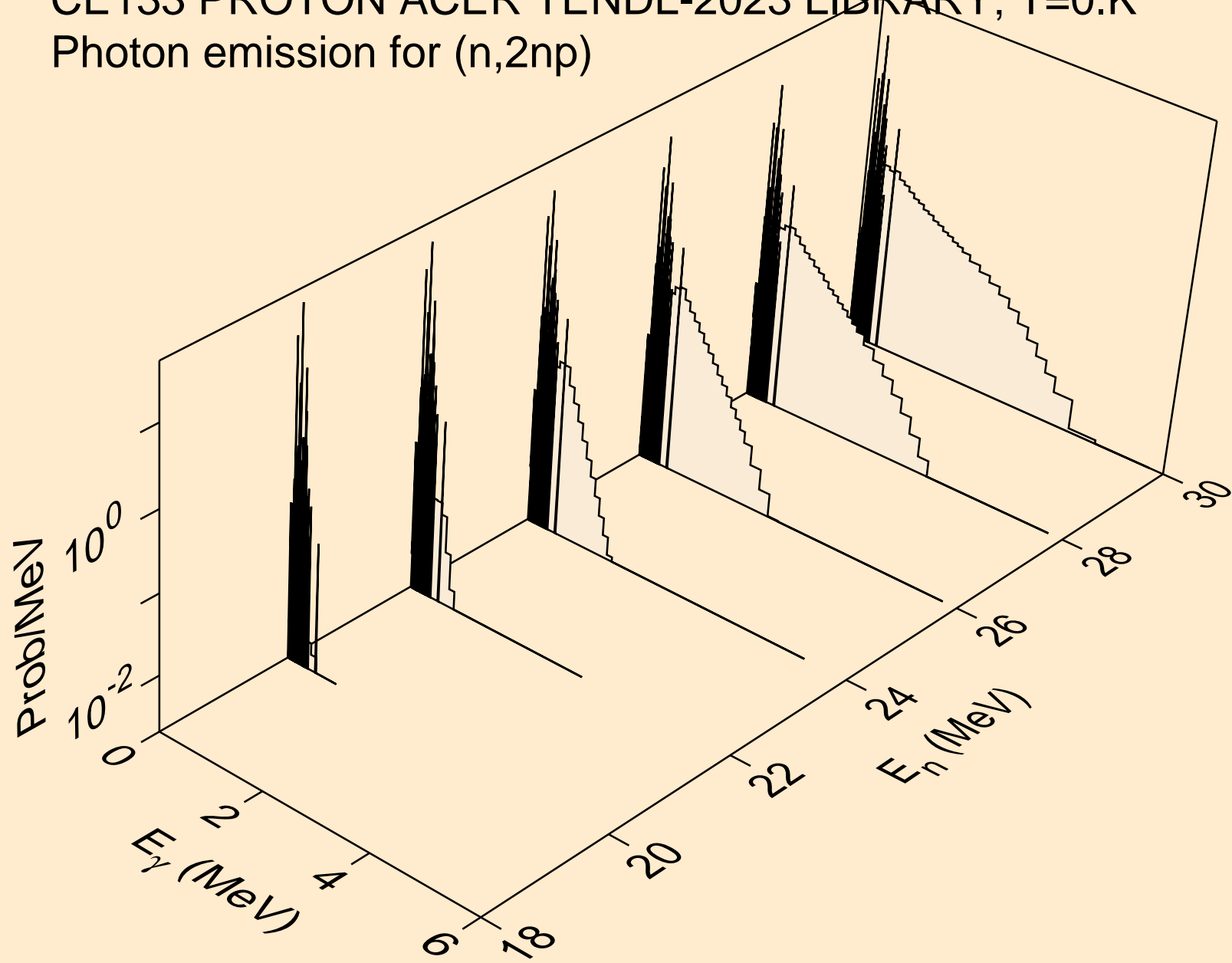


CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

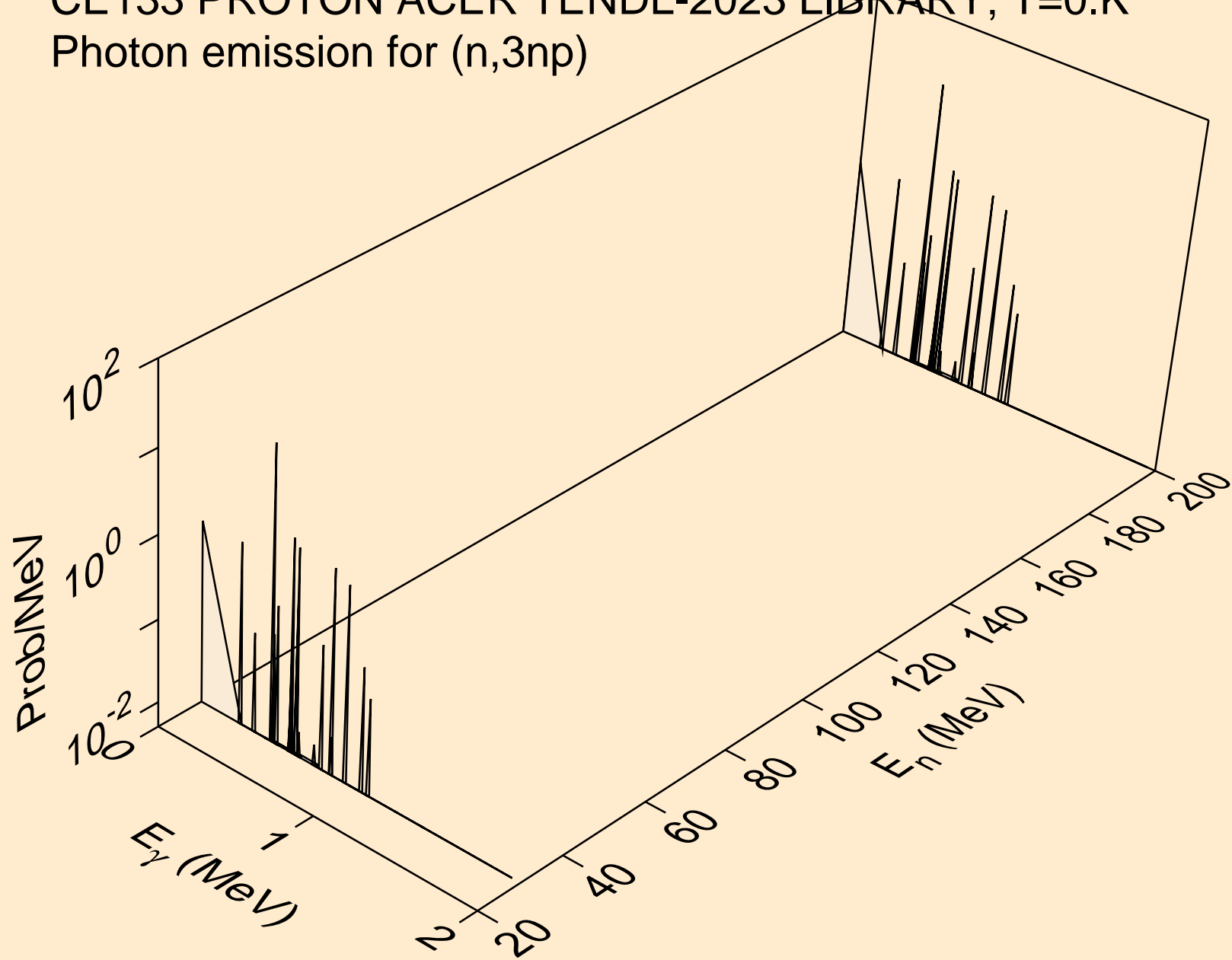




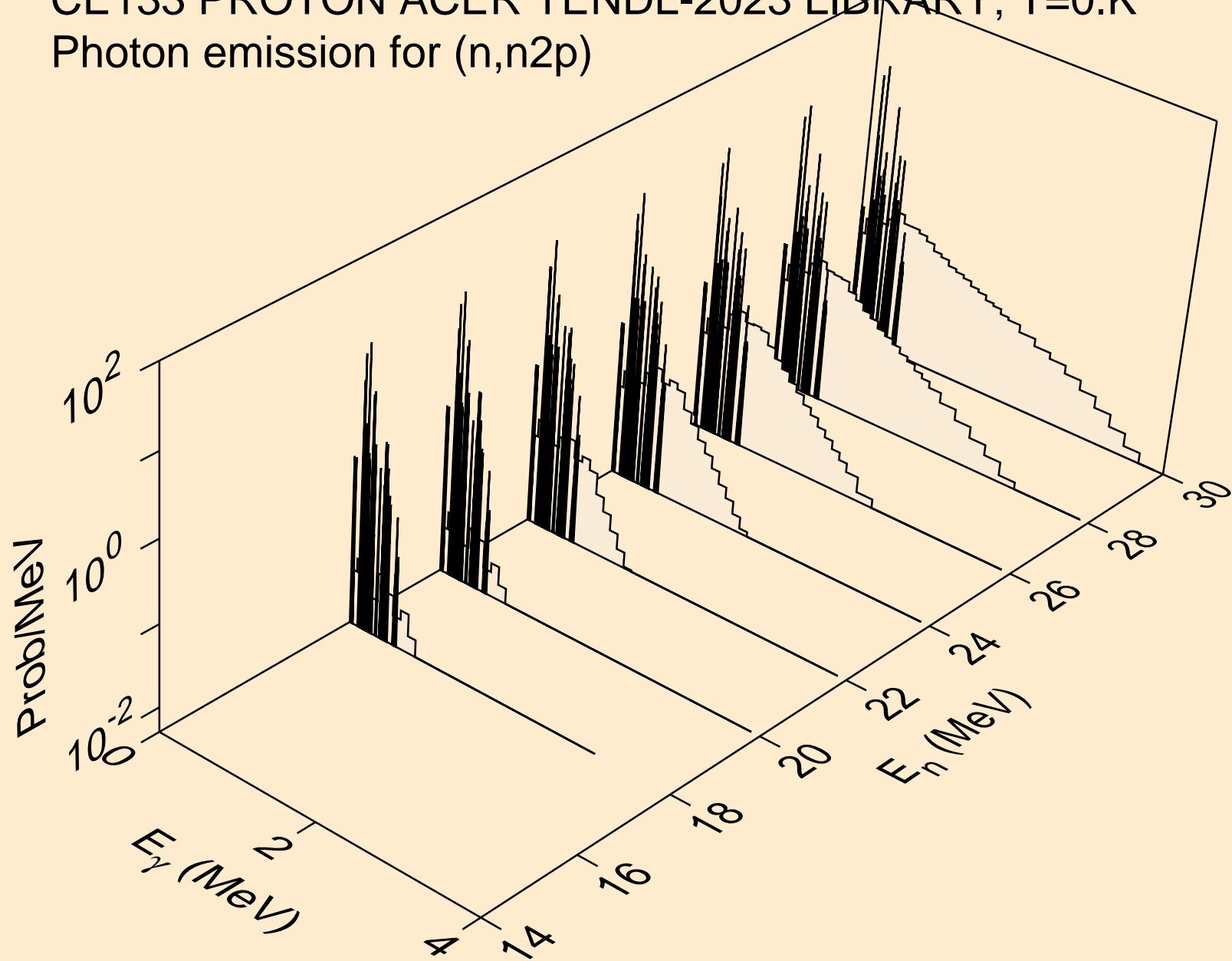
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Photon emission for (n,2np)



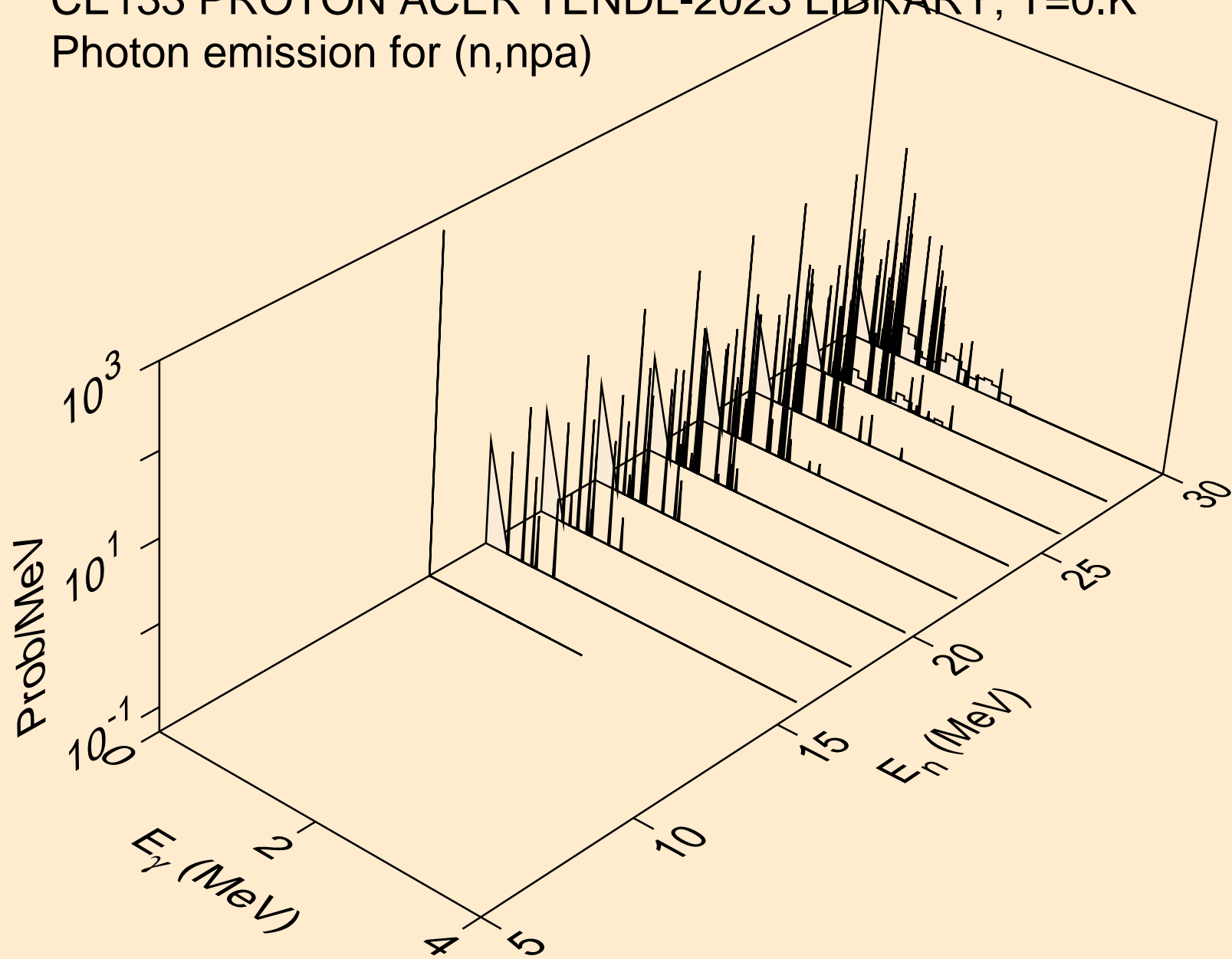
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Photon emission for (n,3np)



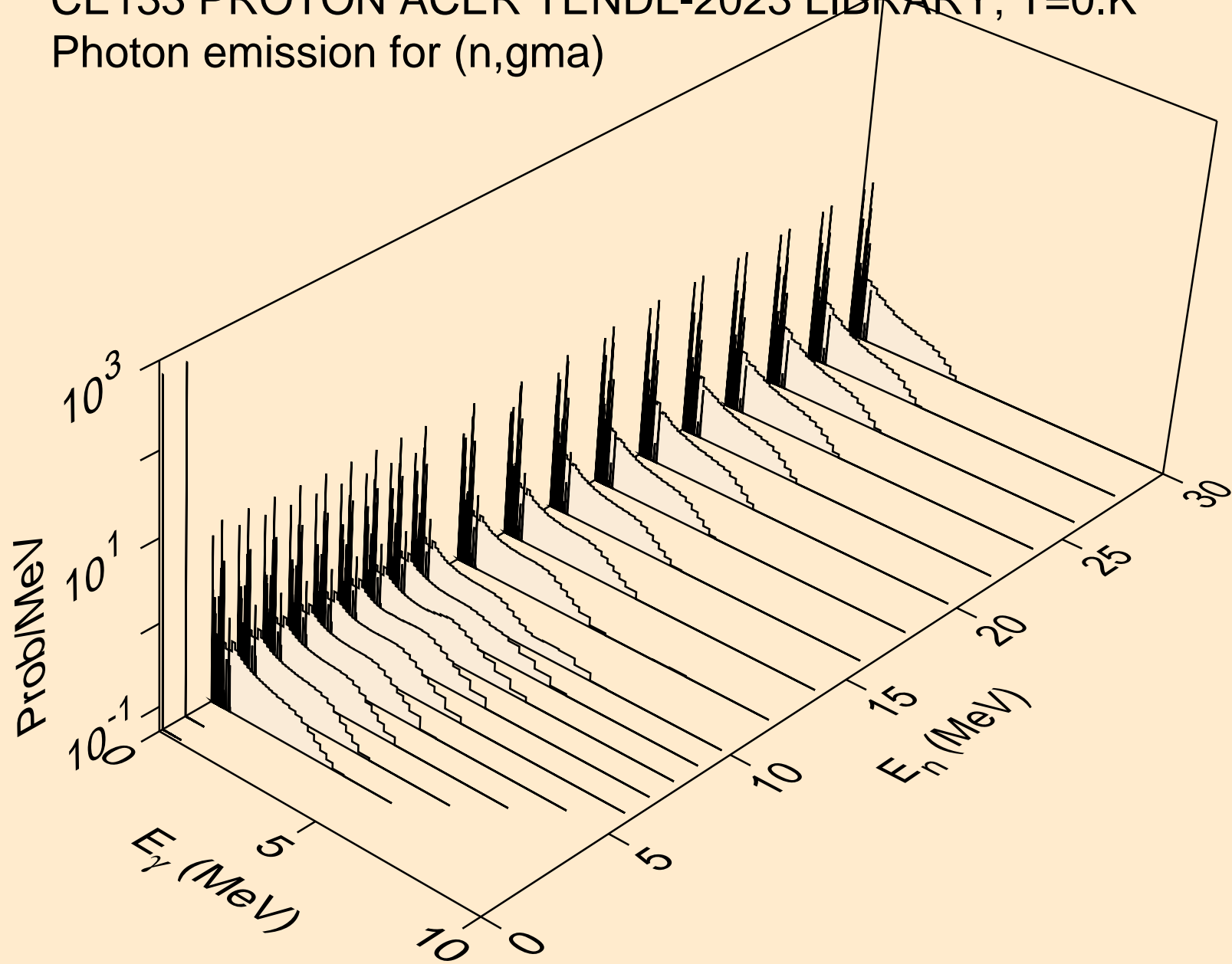
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Photon emission for (n,n2p)



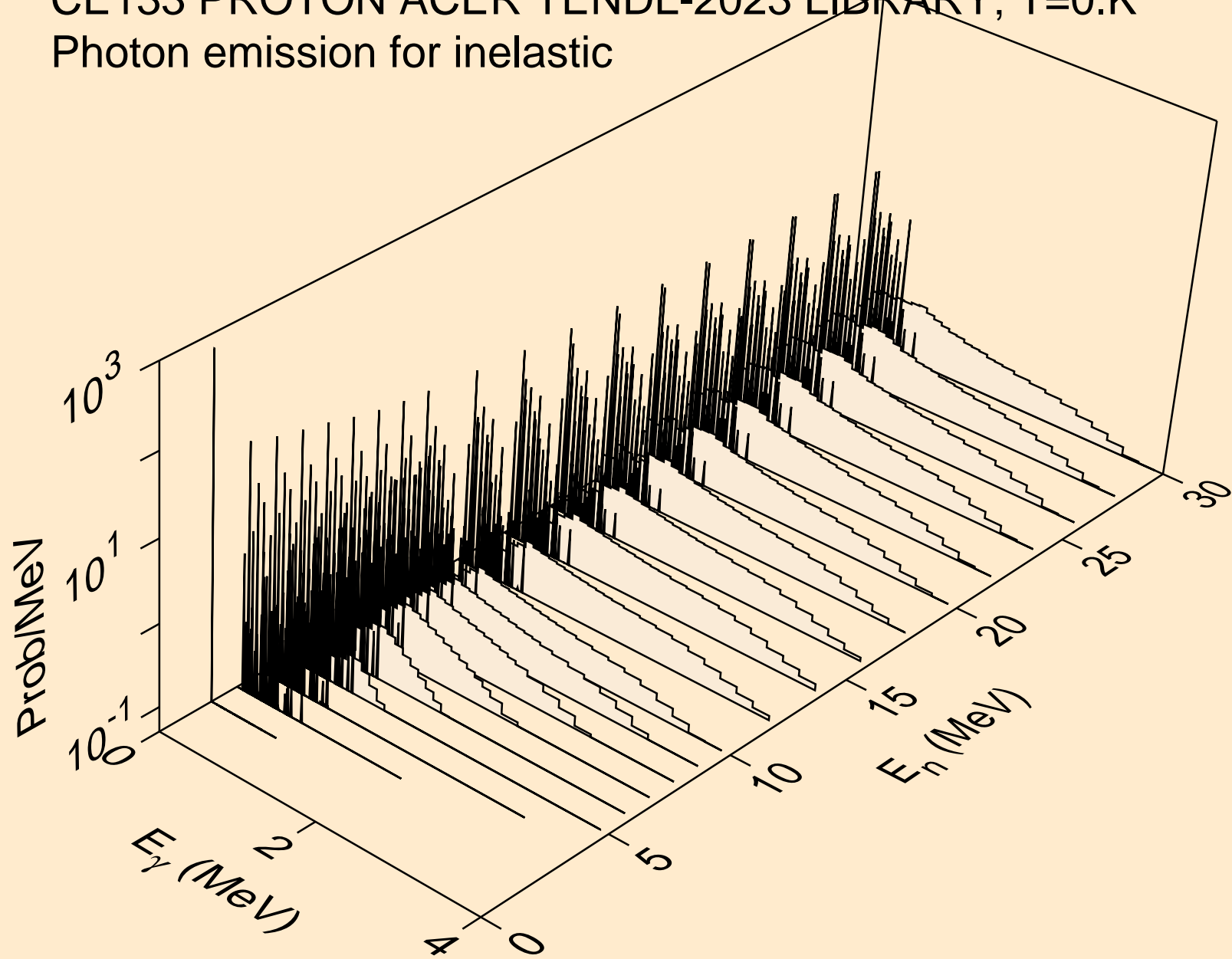
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Photon emission for (n,npa)



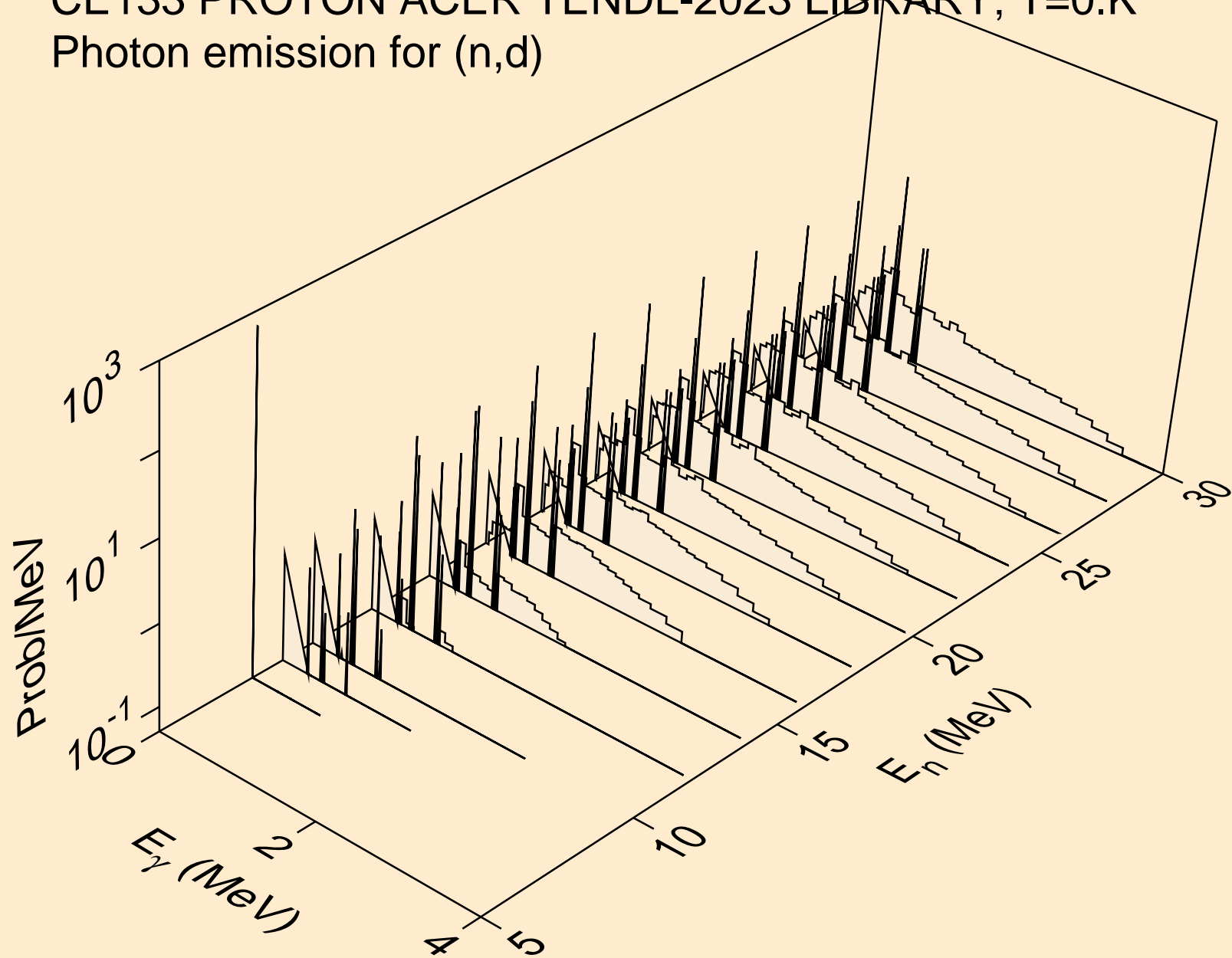
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Photon emission for (n,gma)



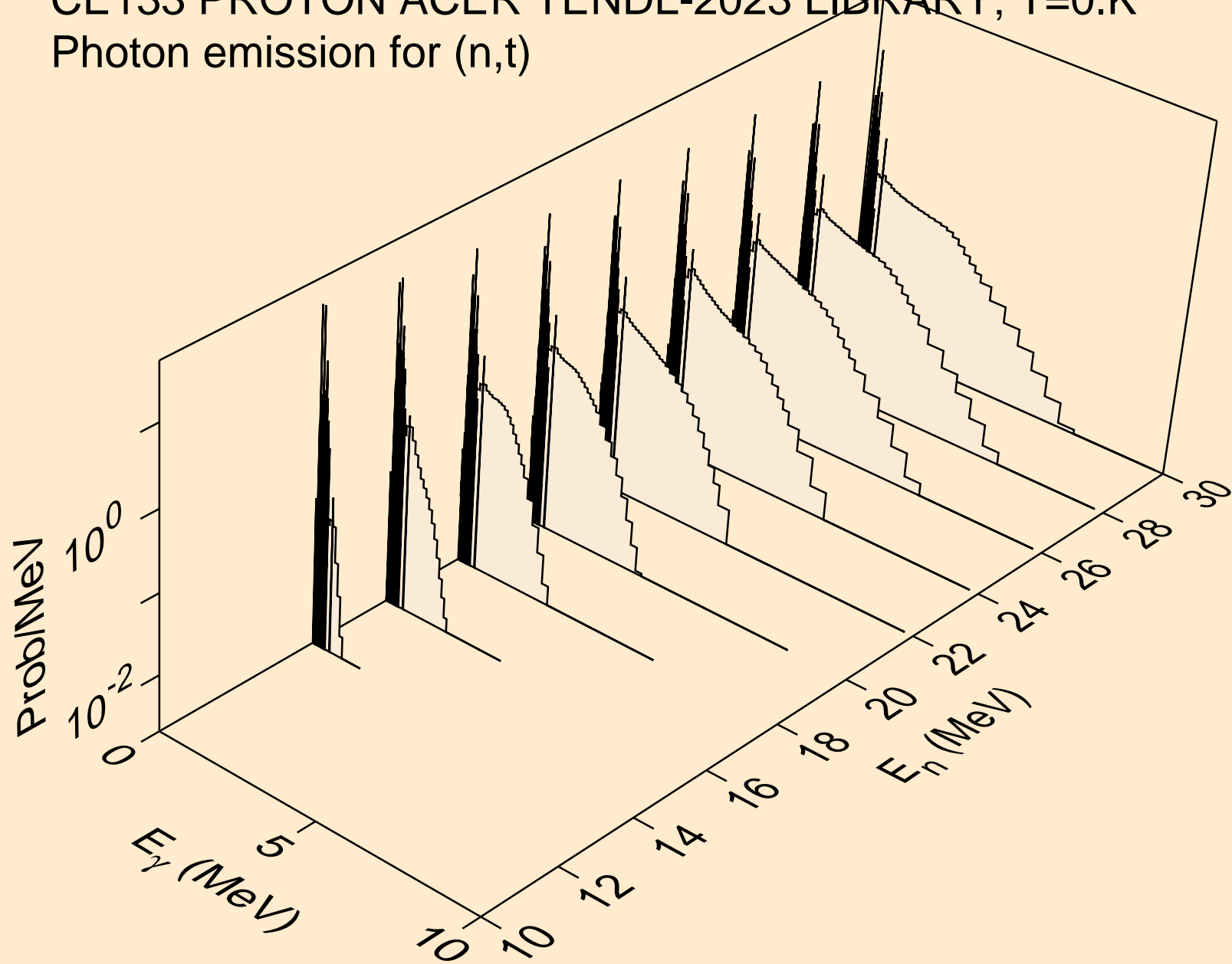
CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

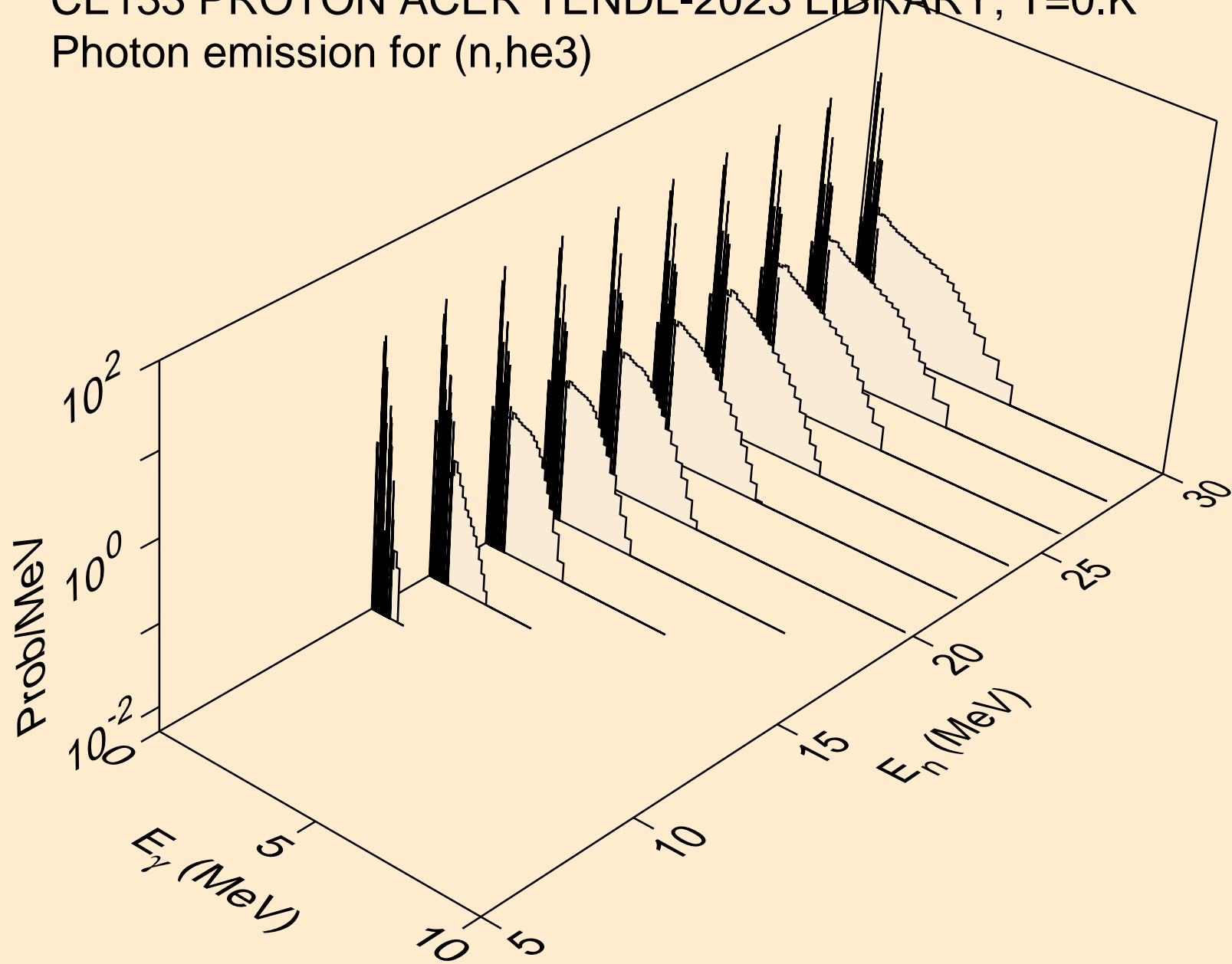


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Photon emission for (n,t)

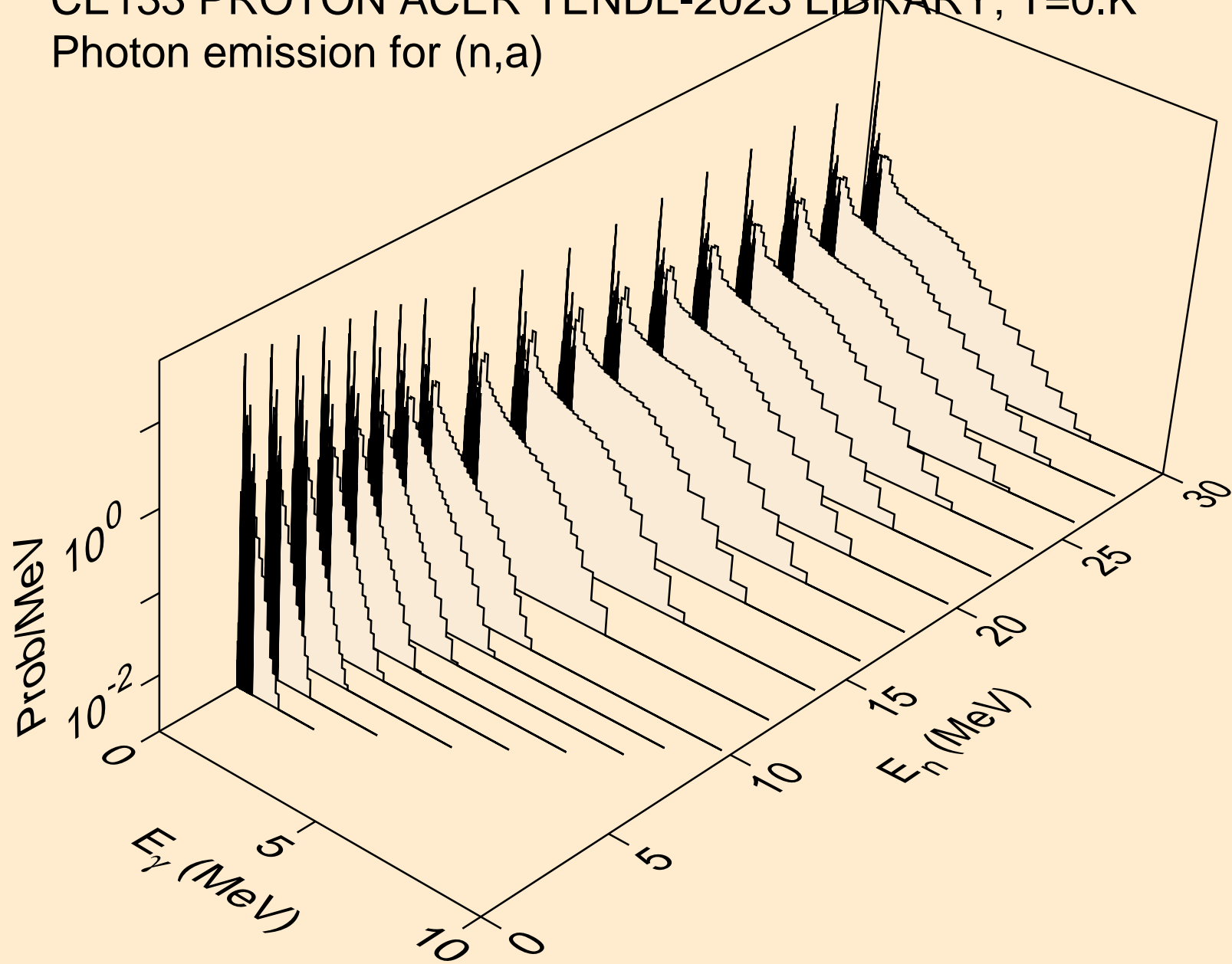




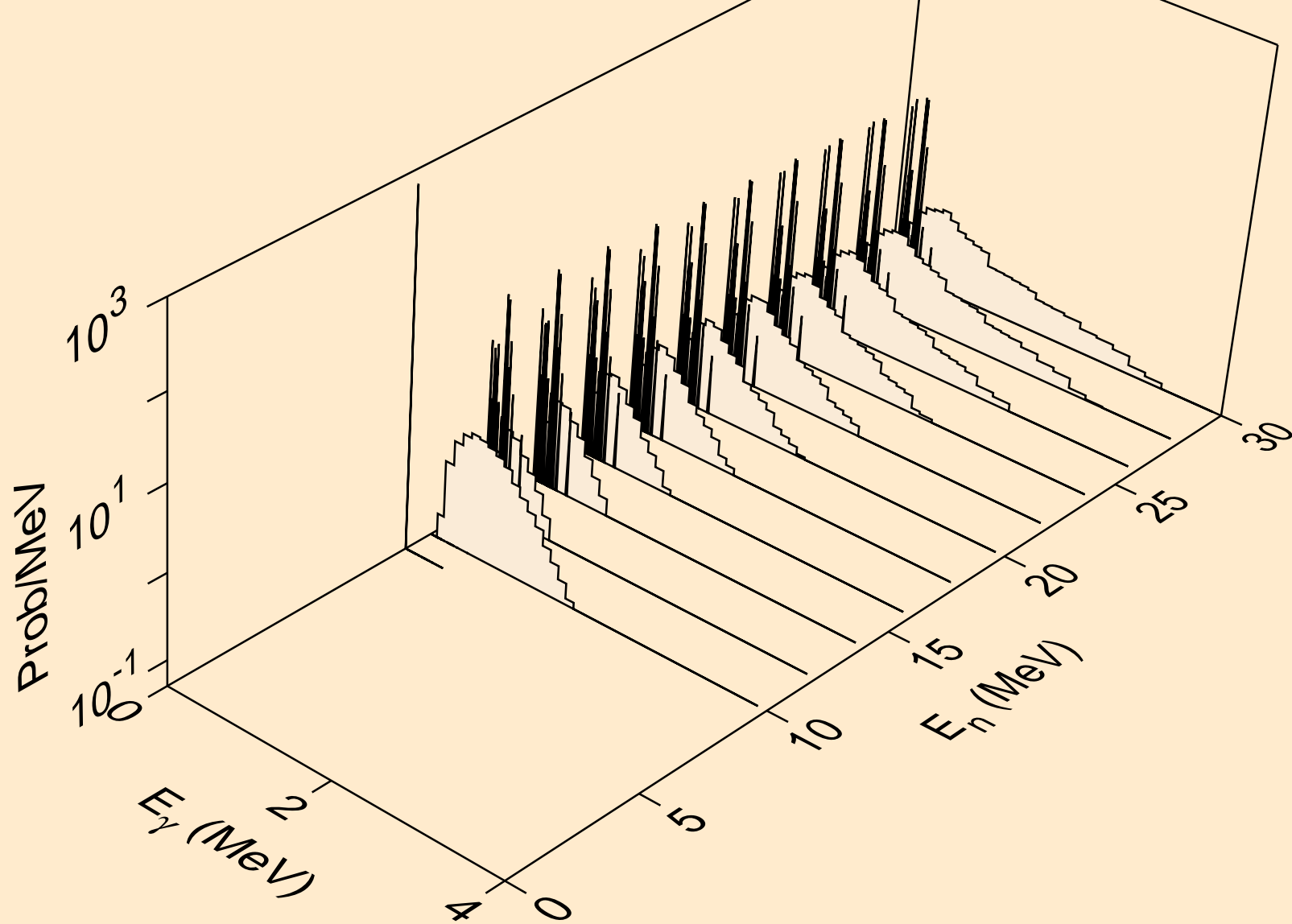
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Photon emission for (n,he3)



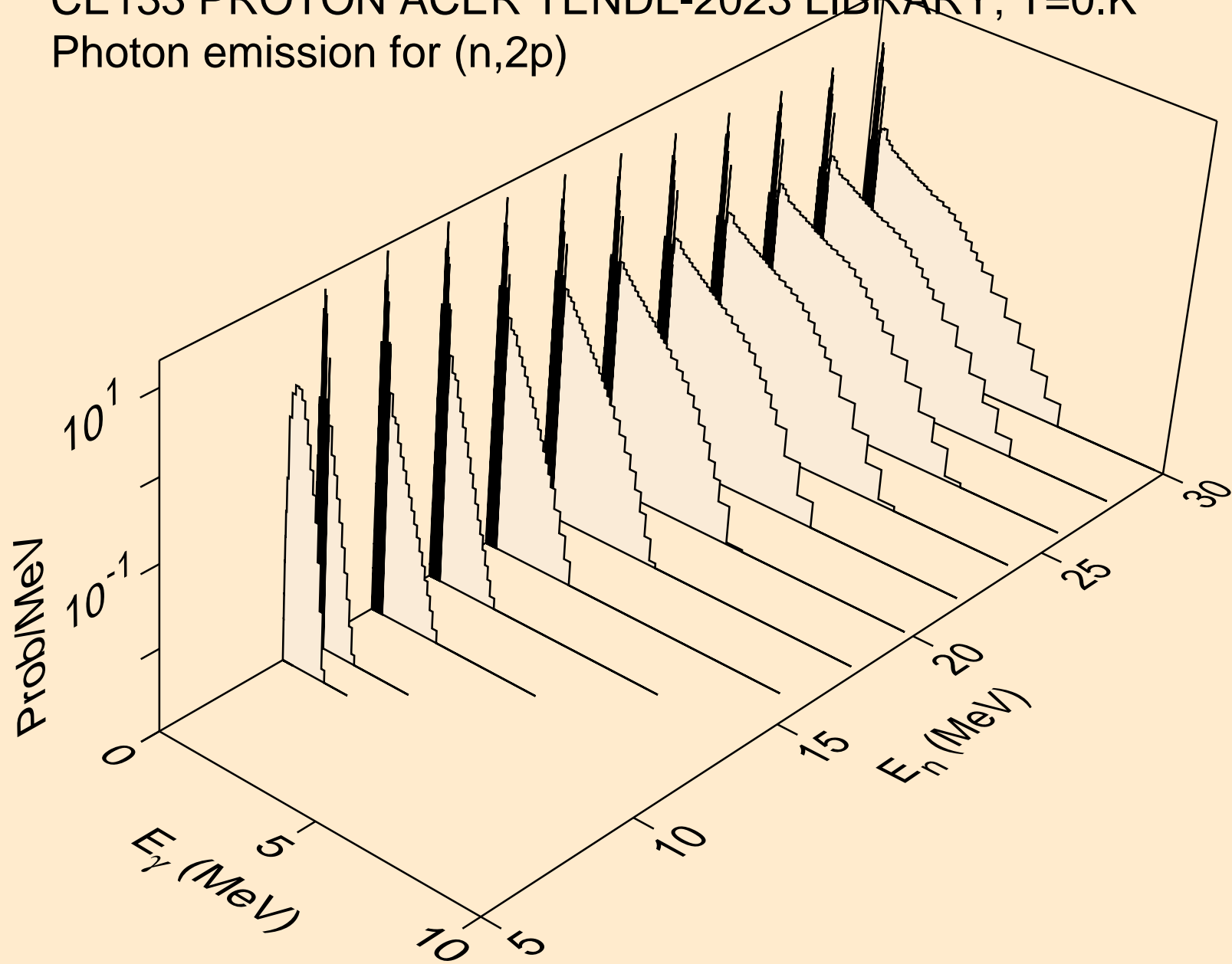
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Photon emission for (n,a)



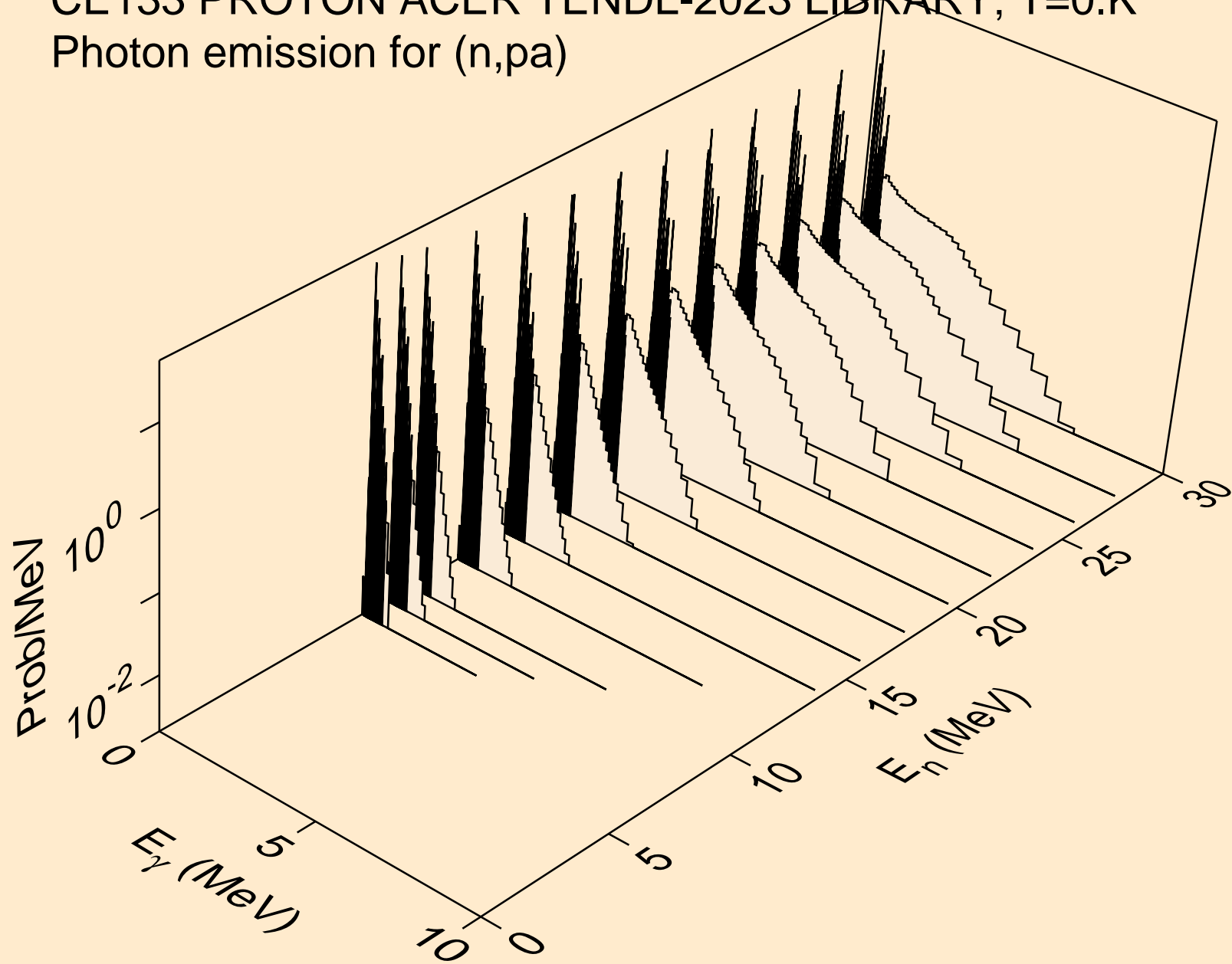
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Photon emission for (n,2a)



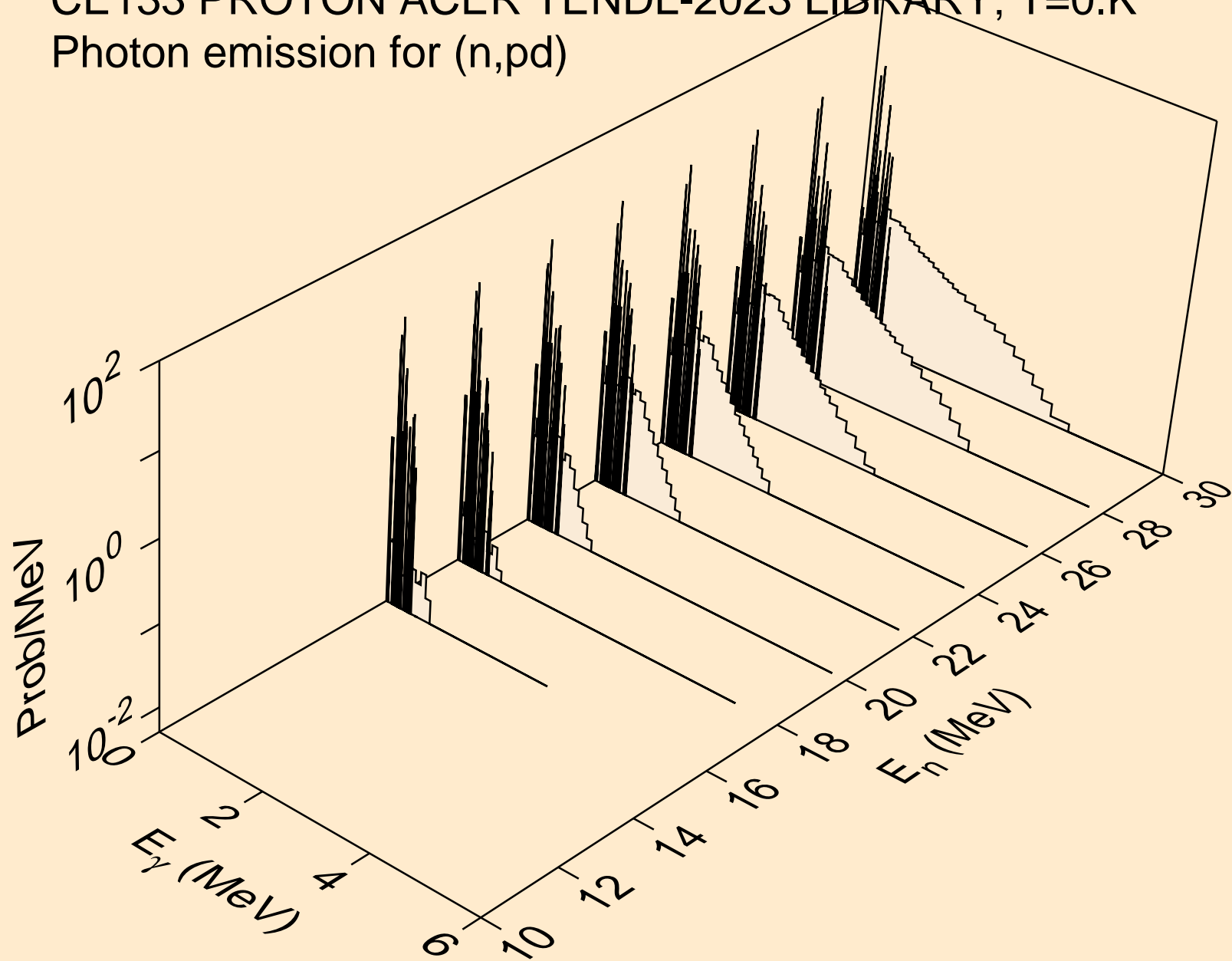
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Photon emission for (n,2p)



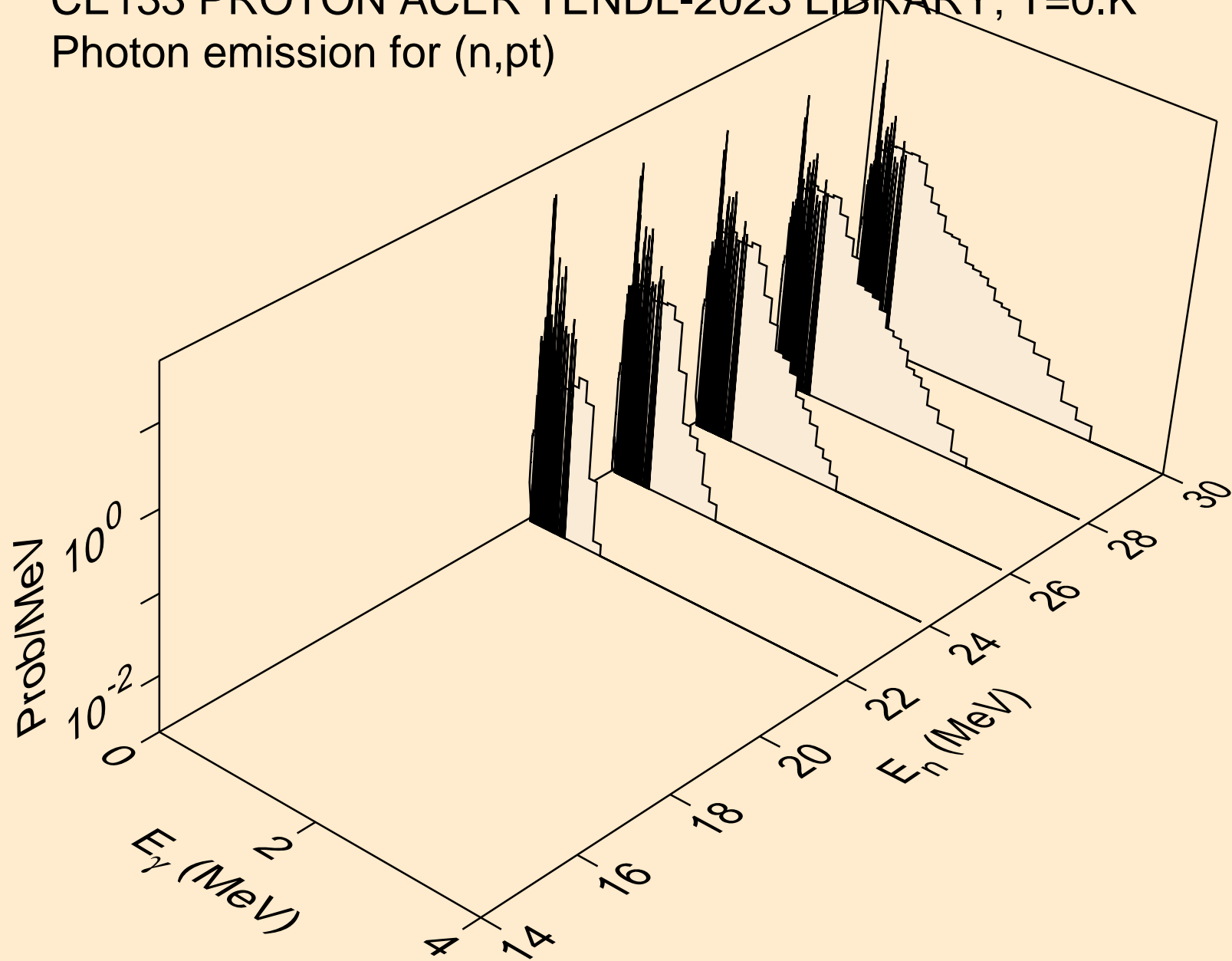
CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



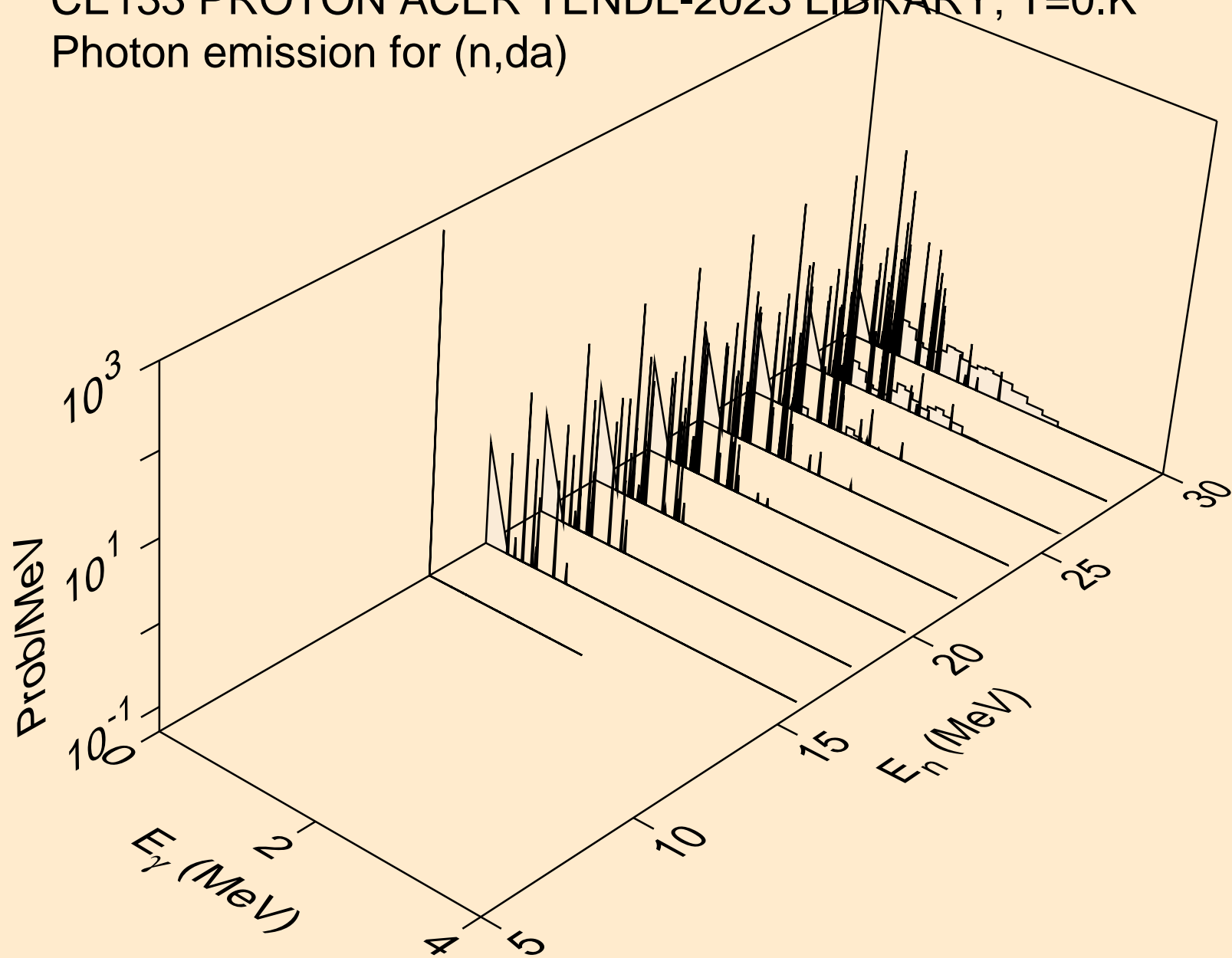
CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



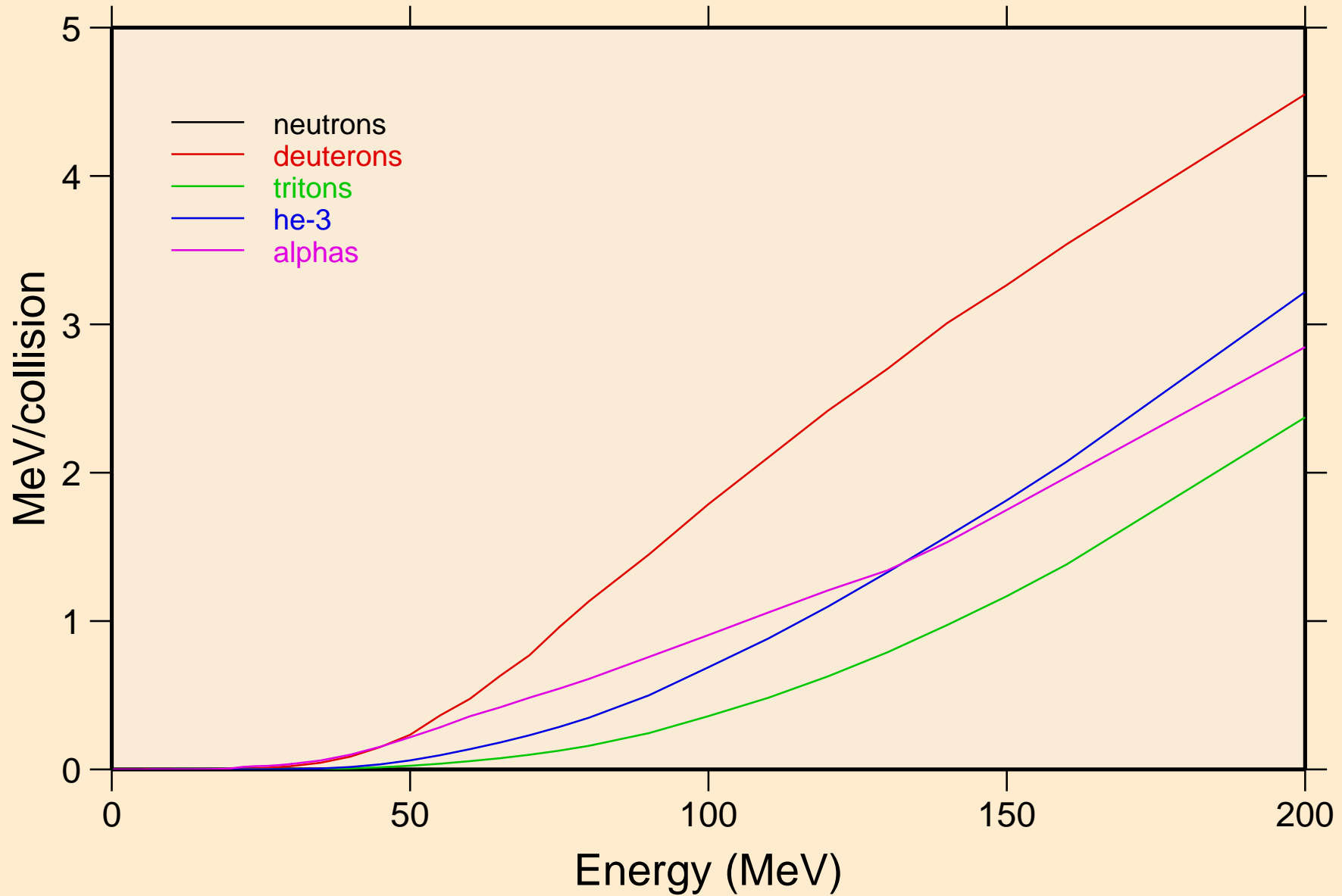
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Photon emission for (n,da)





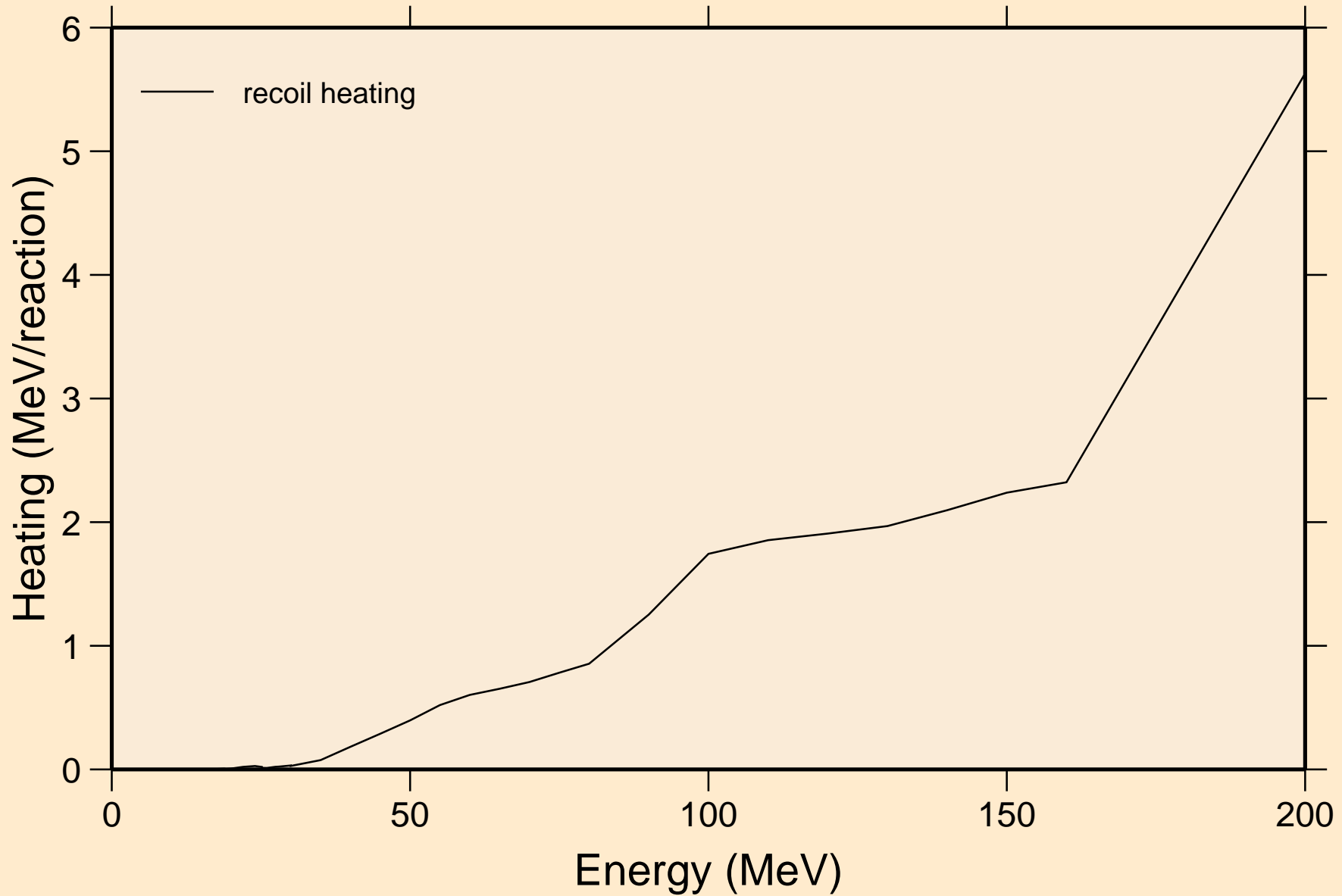
# CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions



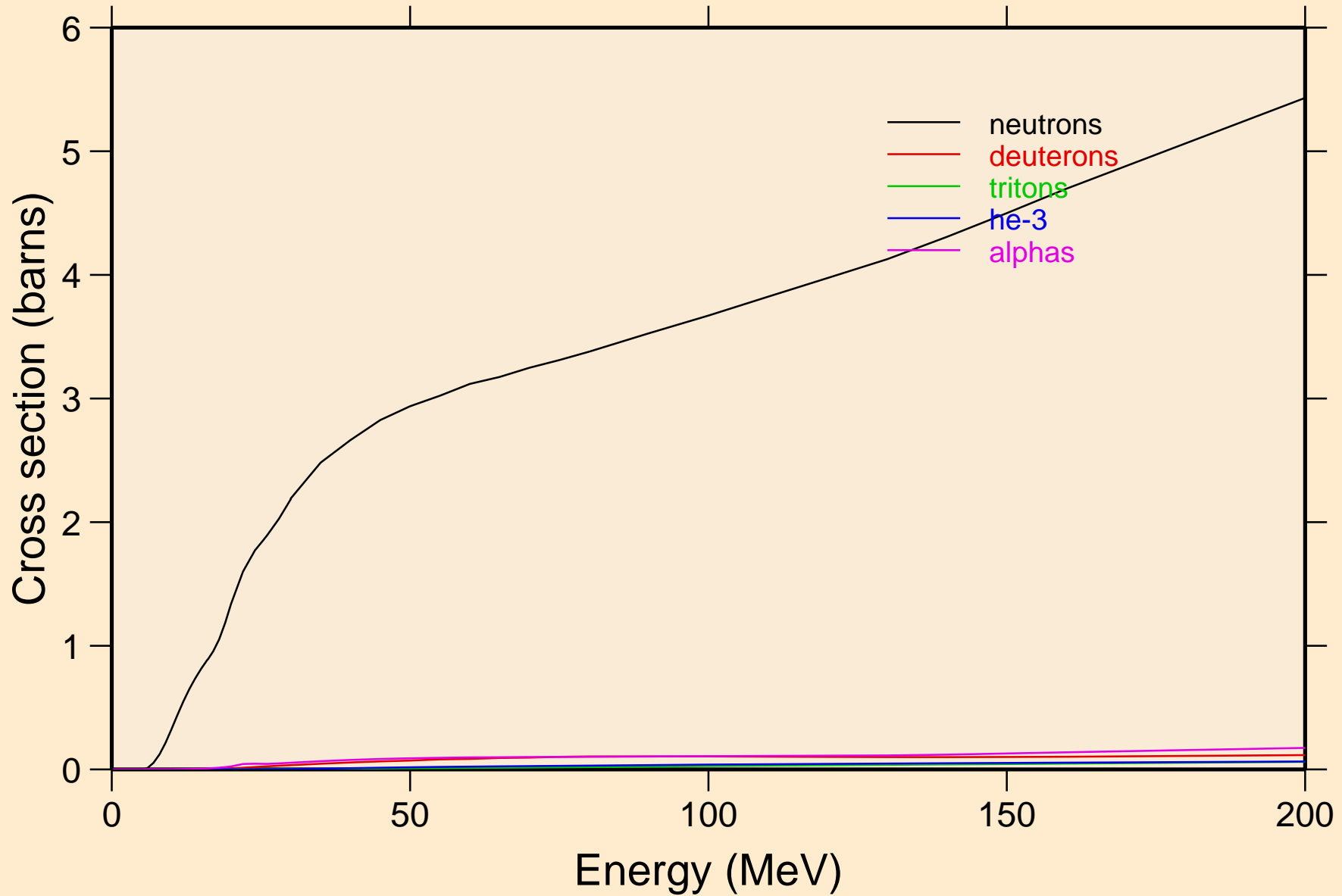
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## Recoil Heating

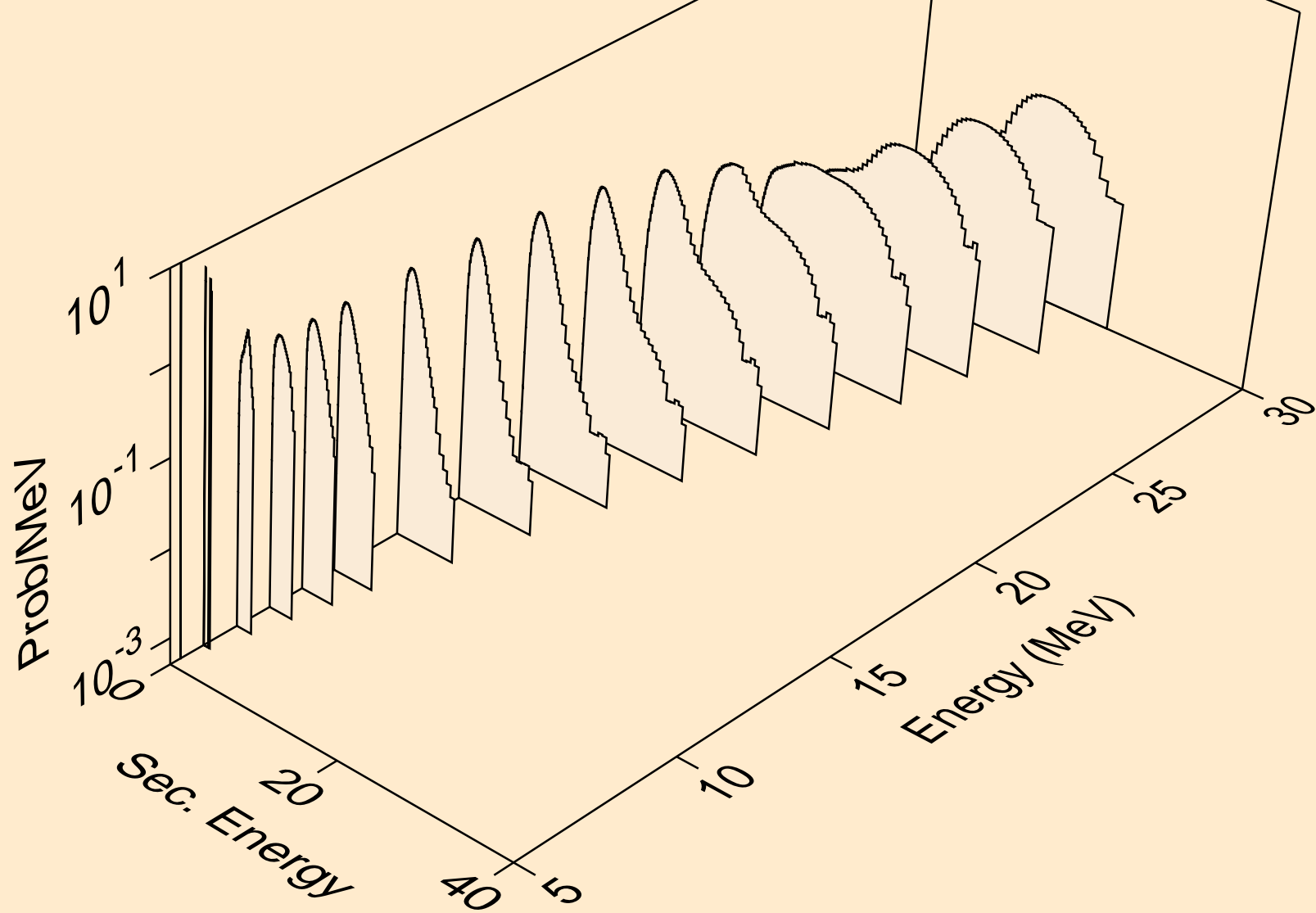


# CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K

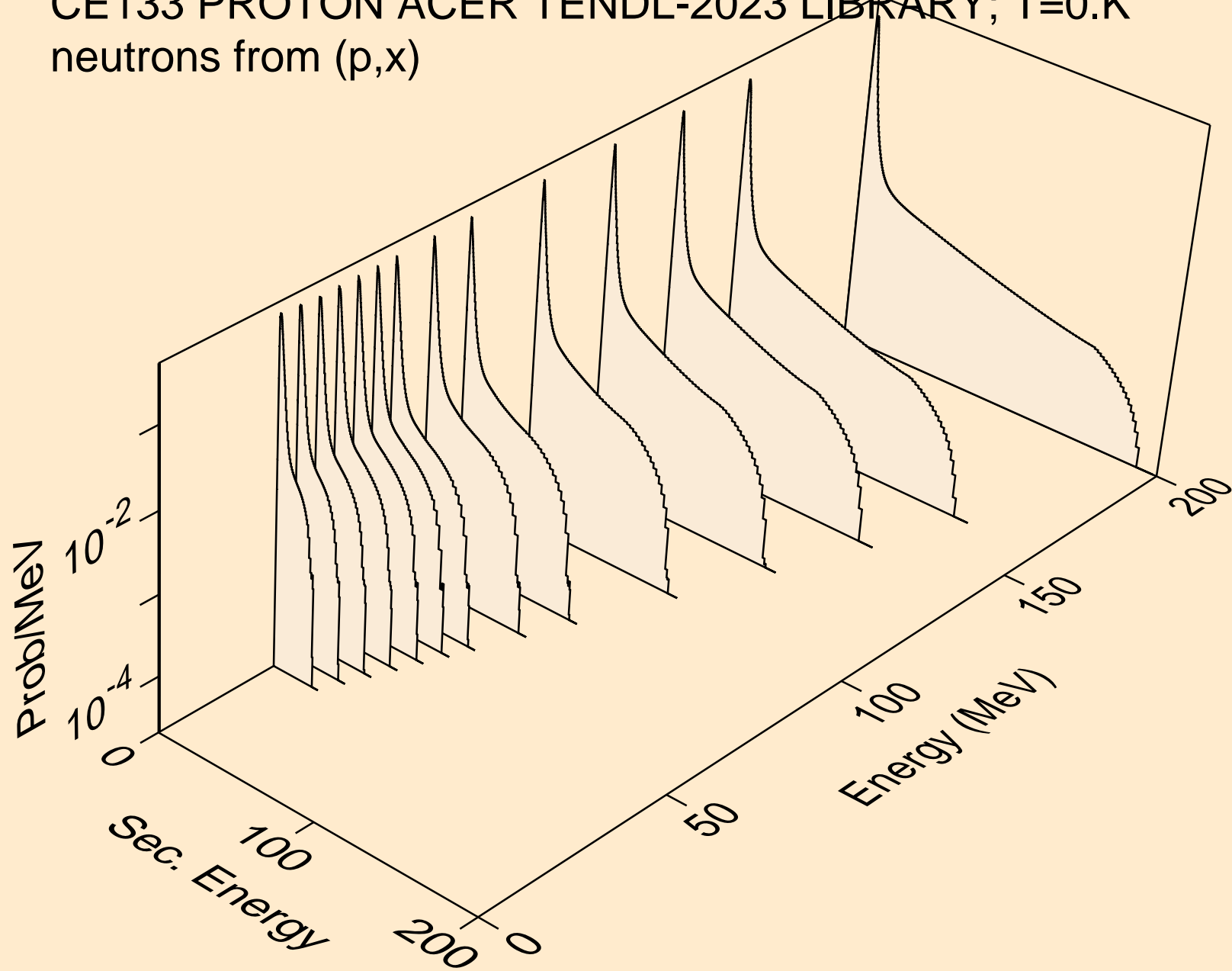
## Particle production cross sections



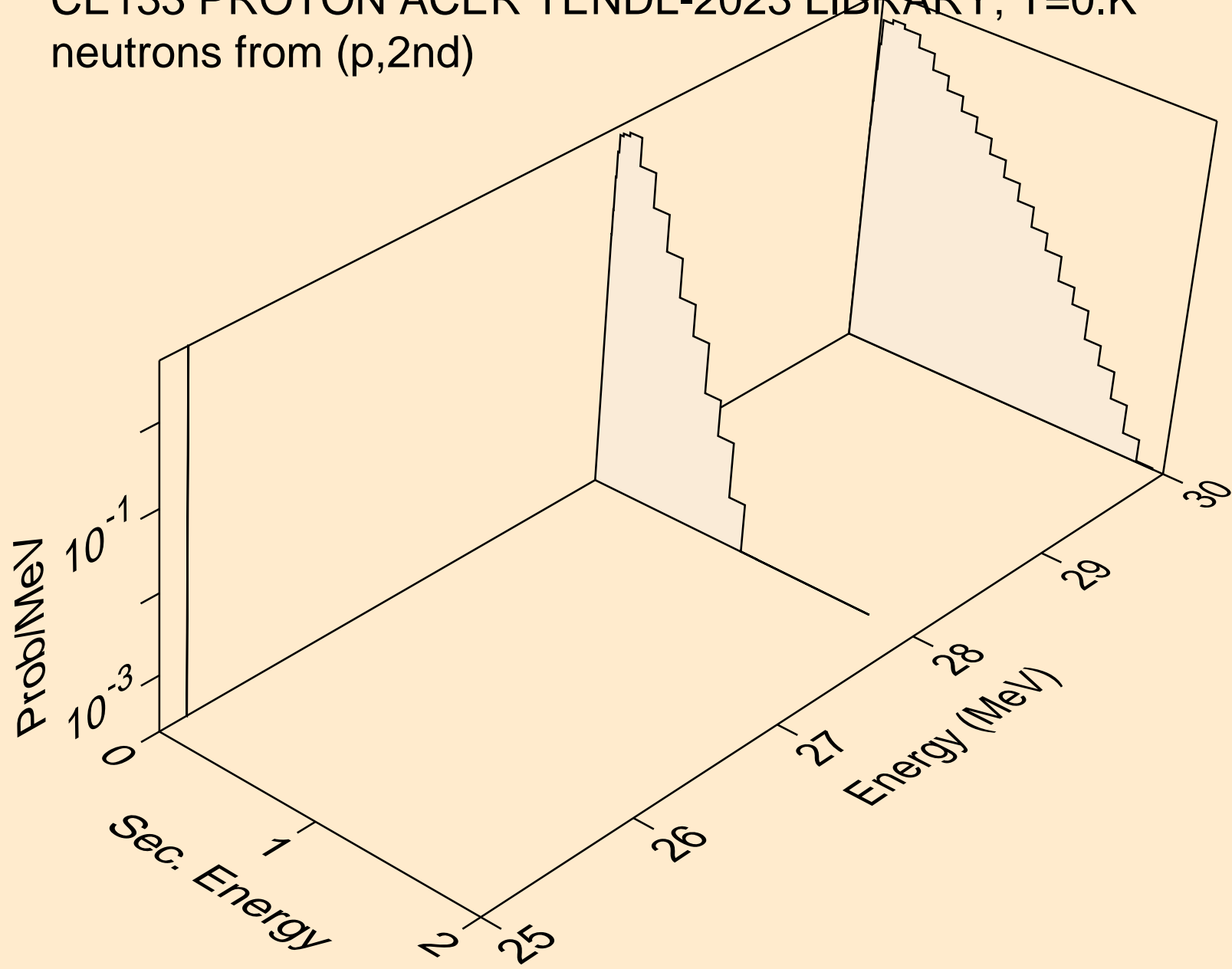
CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



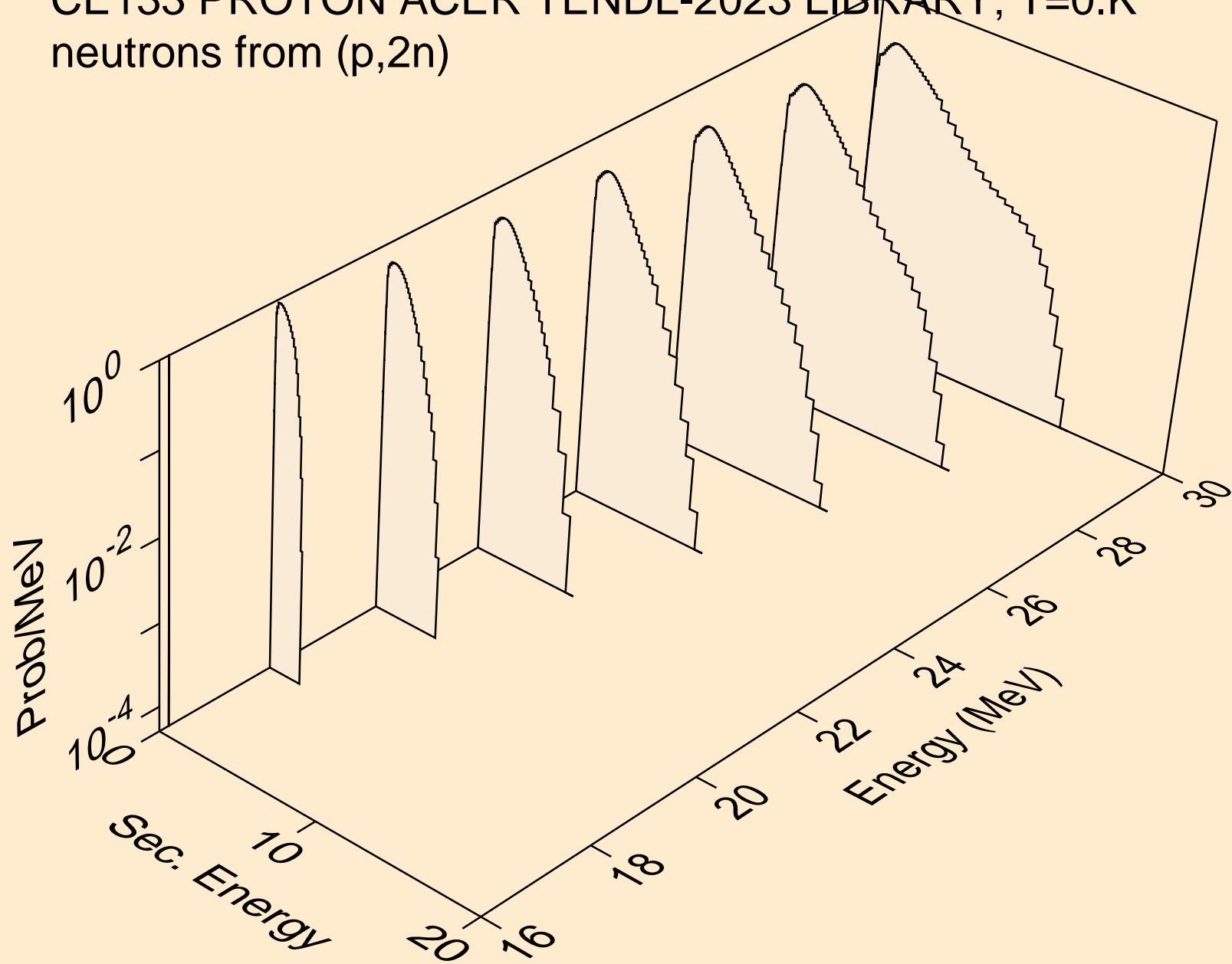
CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



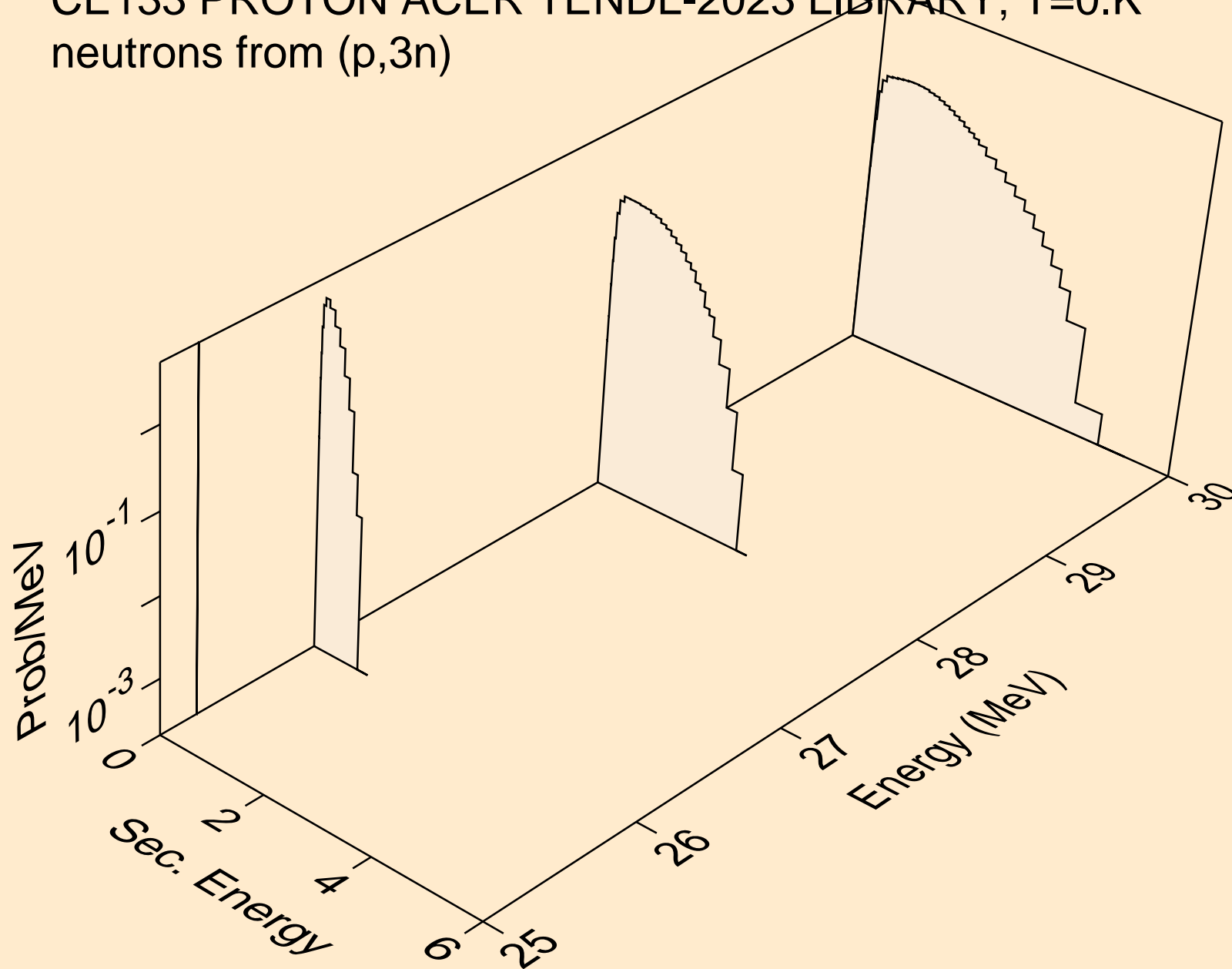
CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)



CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)

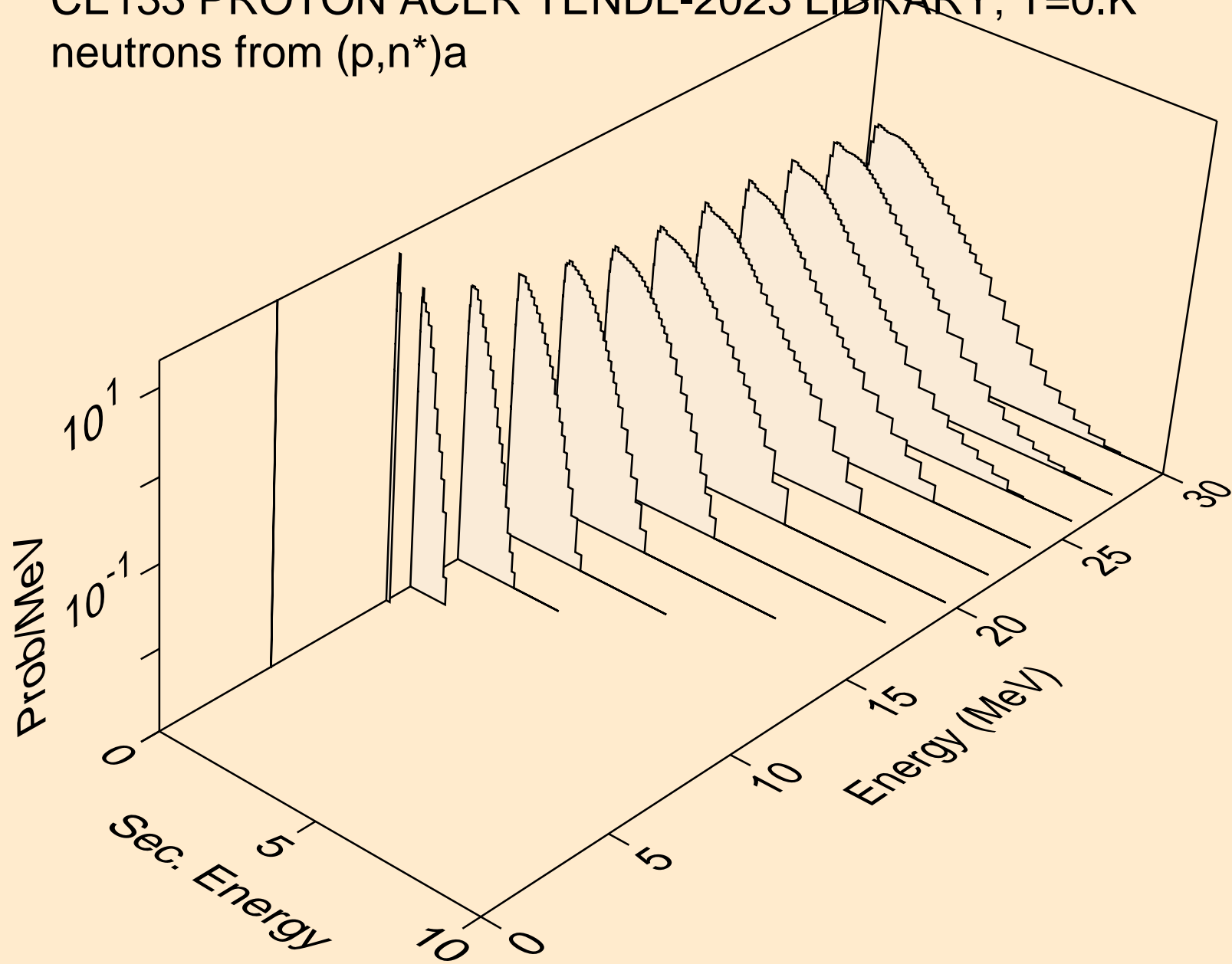


CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)

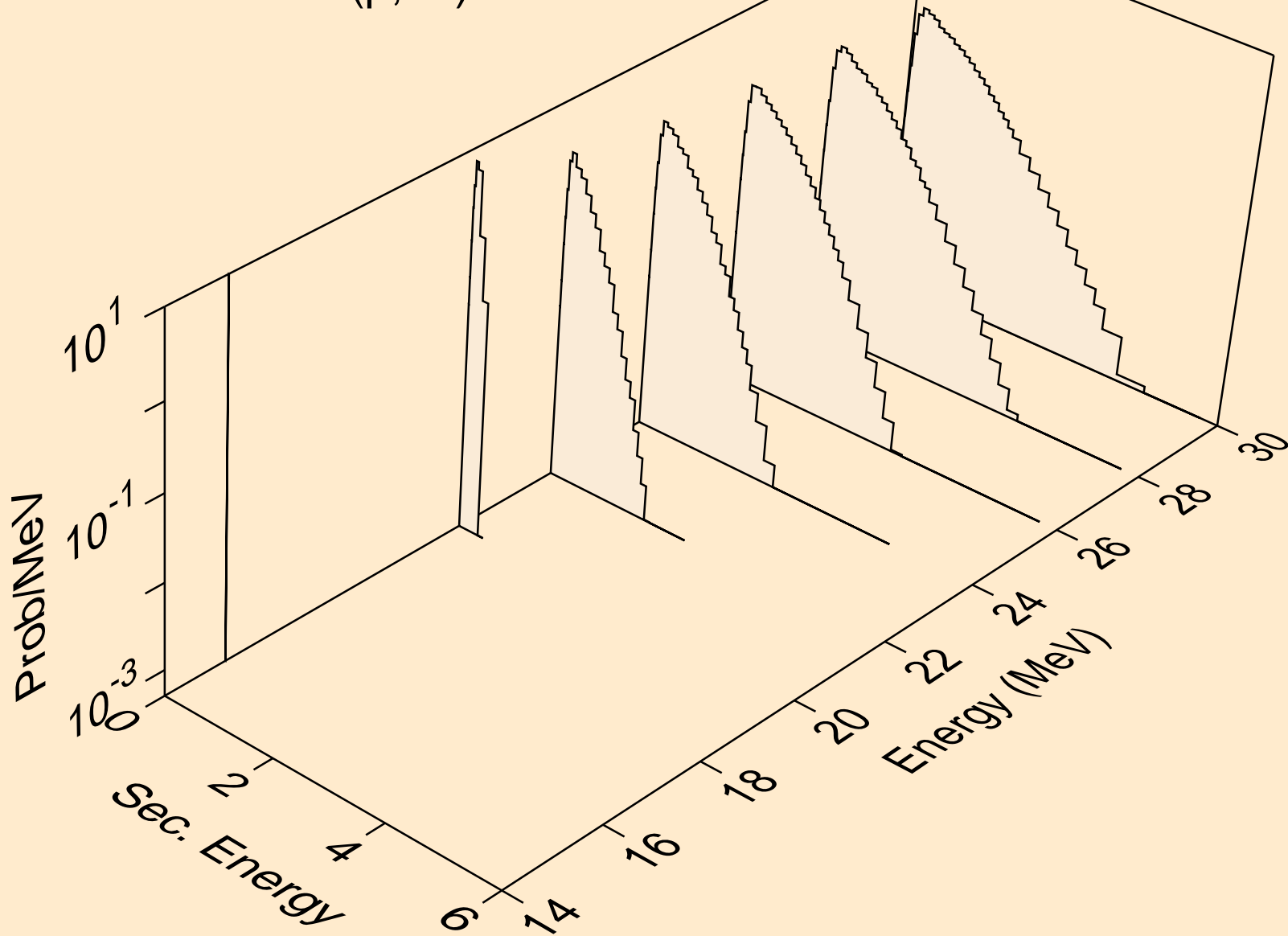




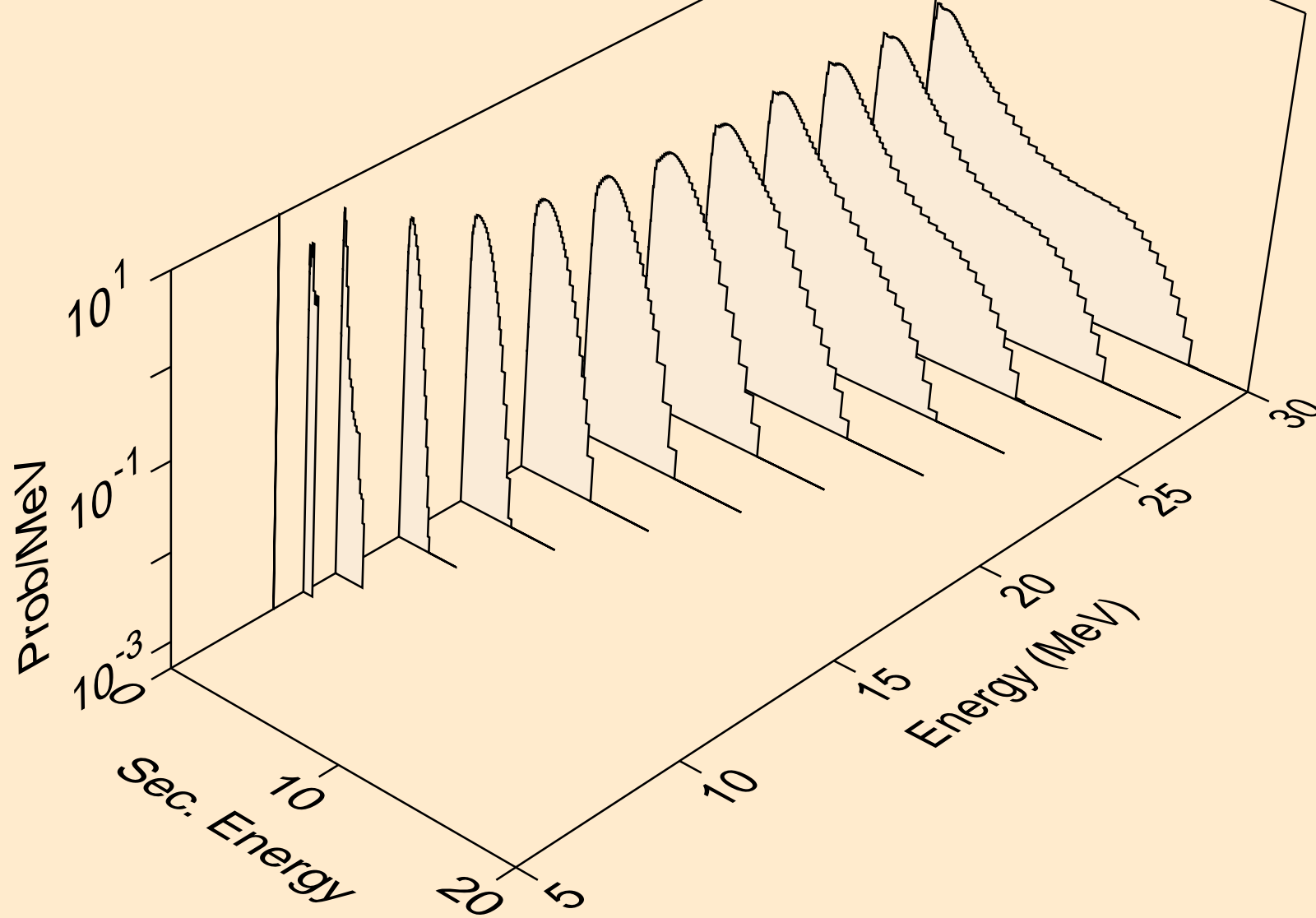
CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



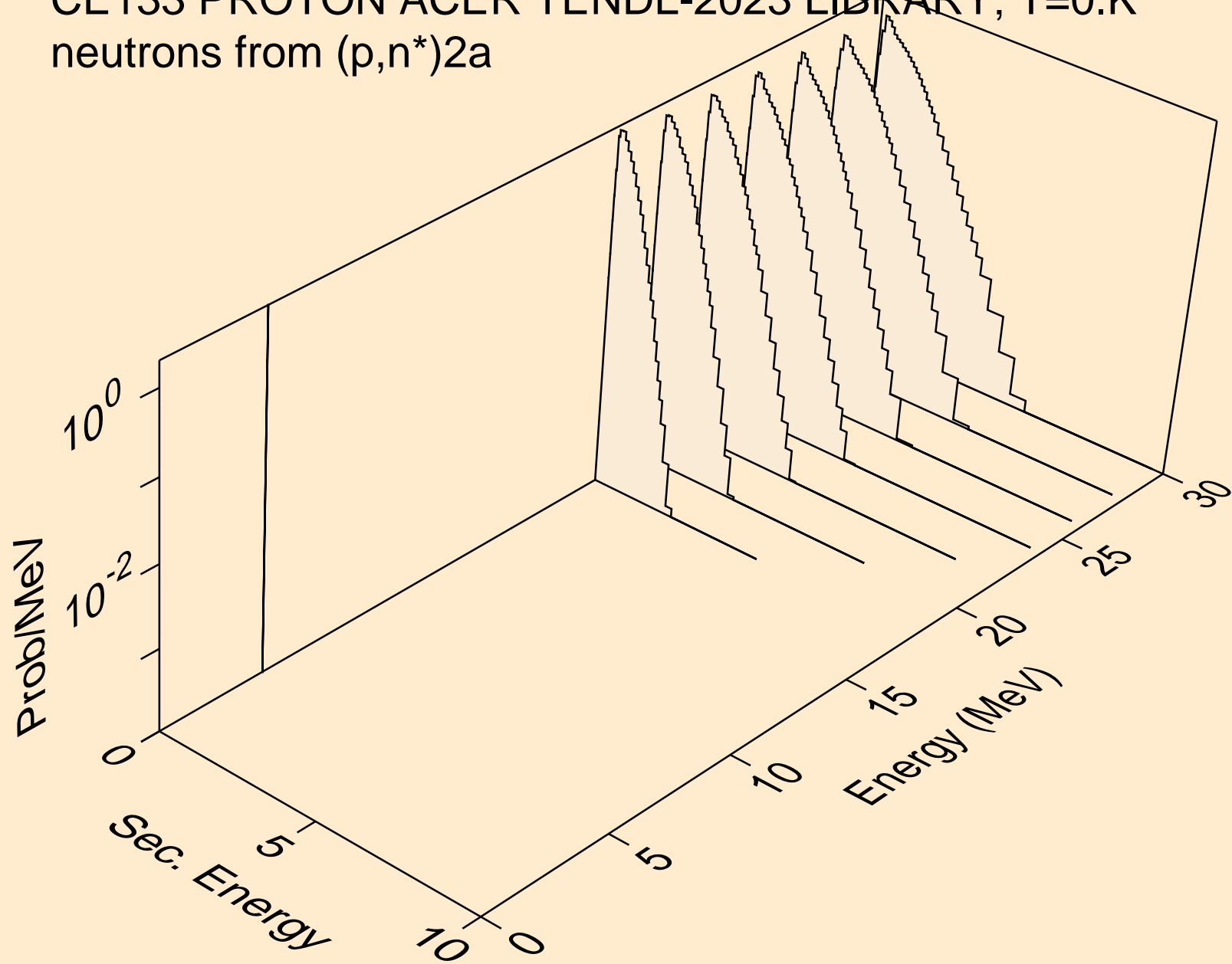
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neutrons from (p,2n)a



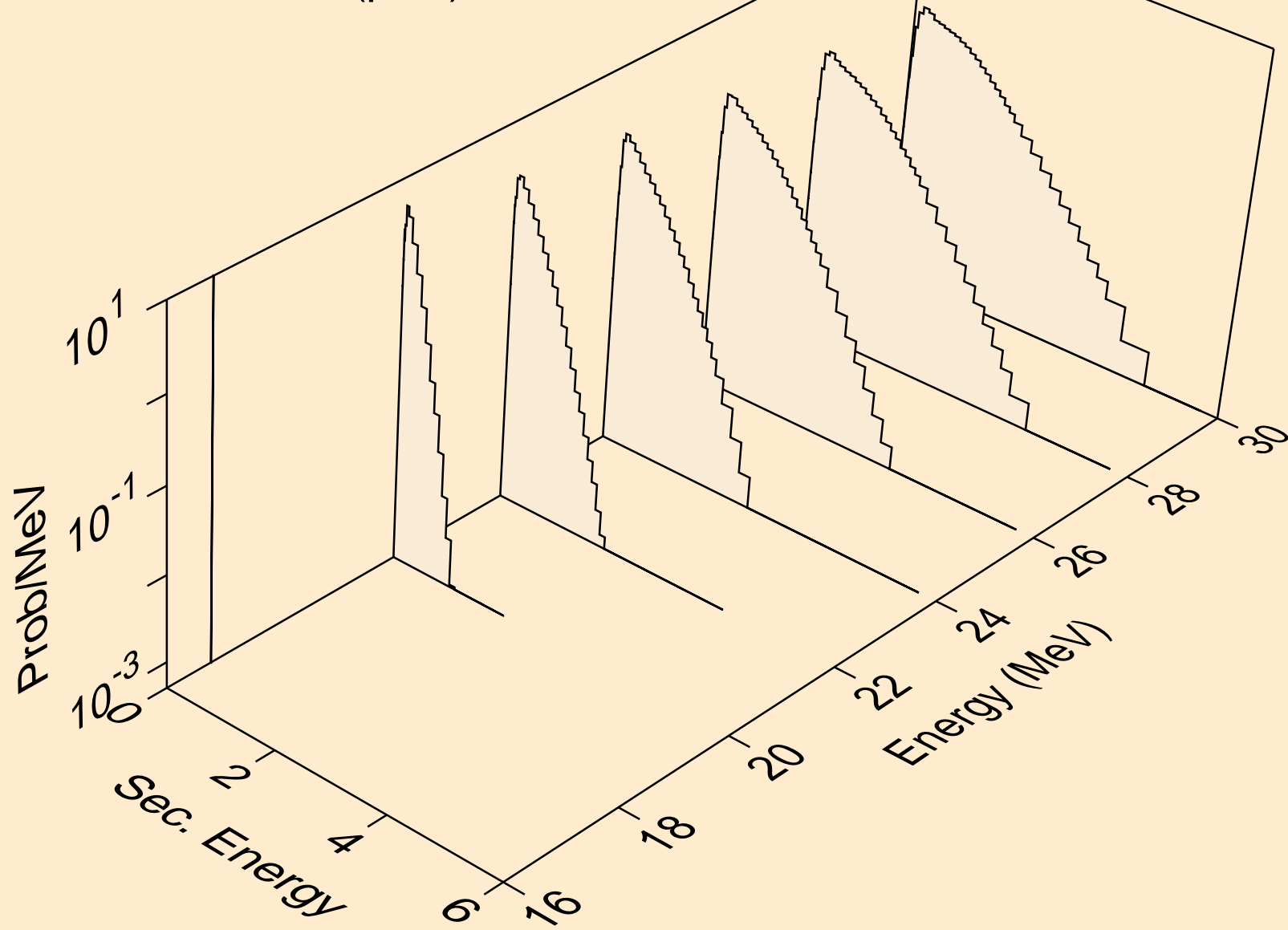
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neutrons from (p,n\*)p



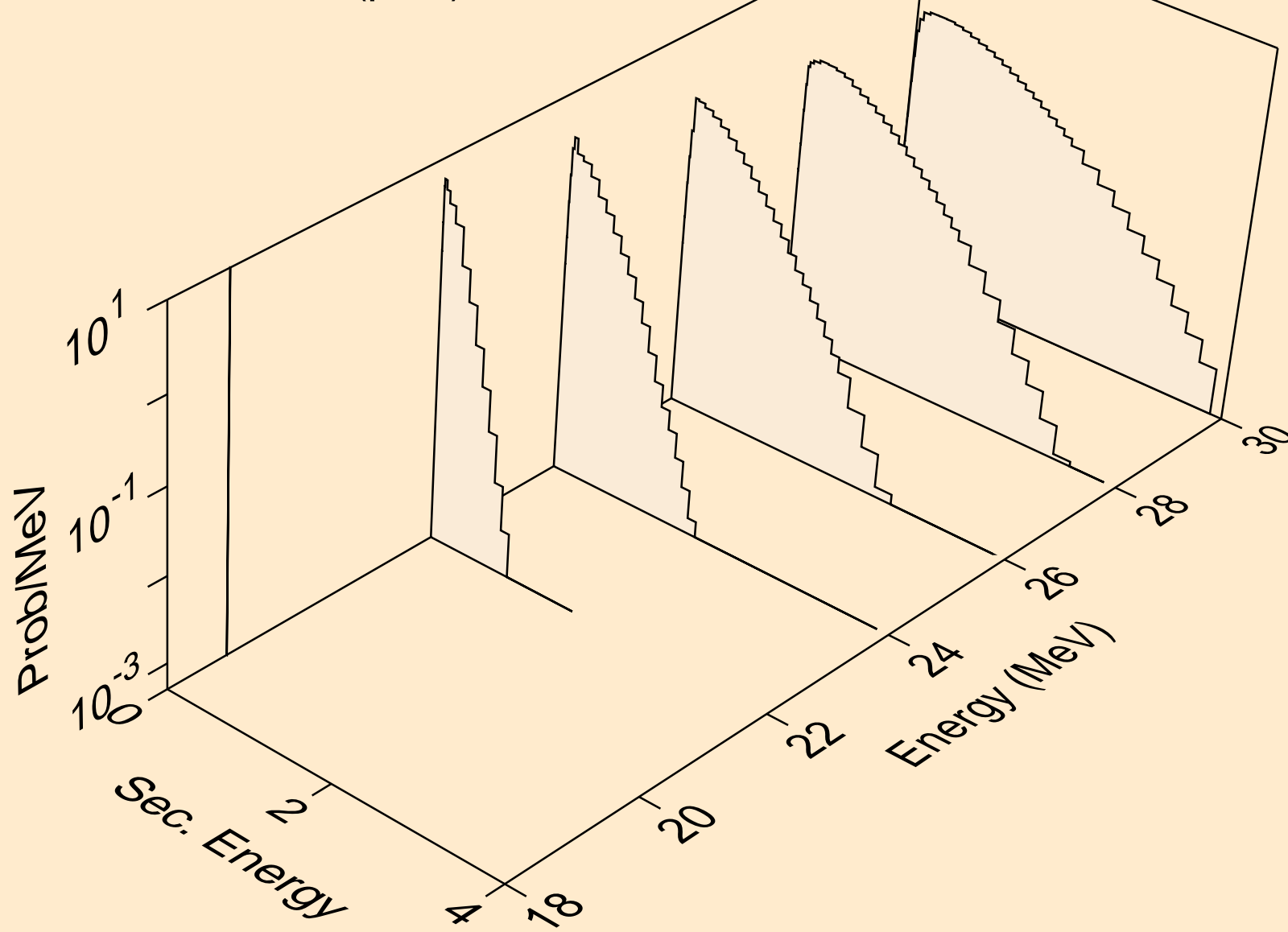
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neutrons from (p,n\*)2a



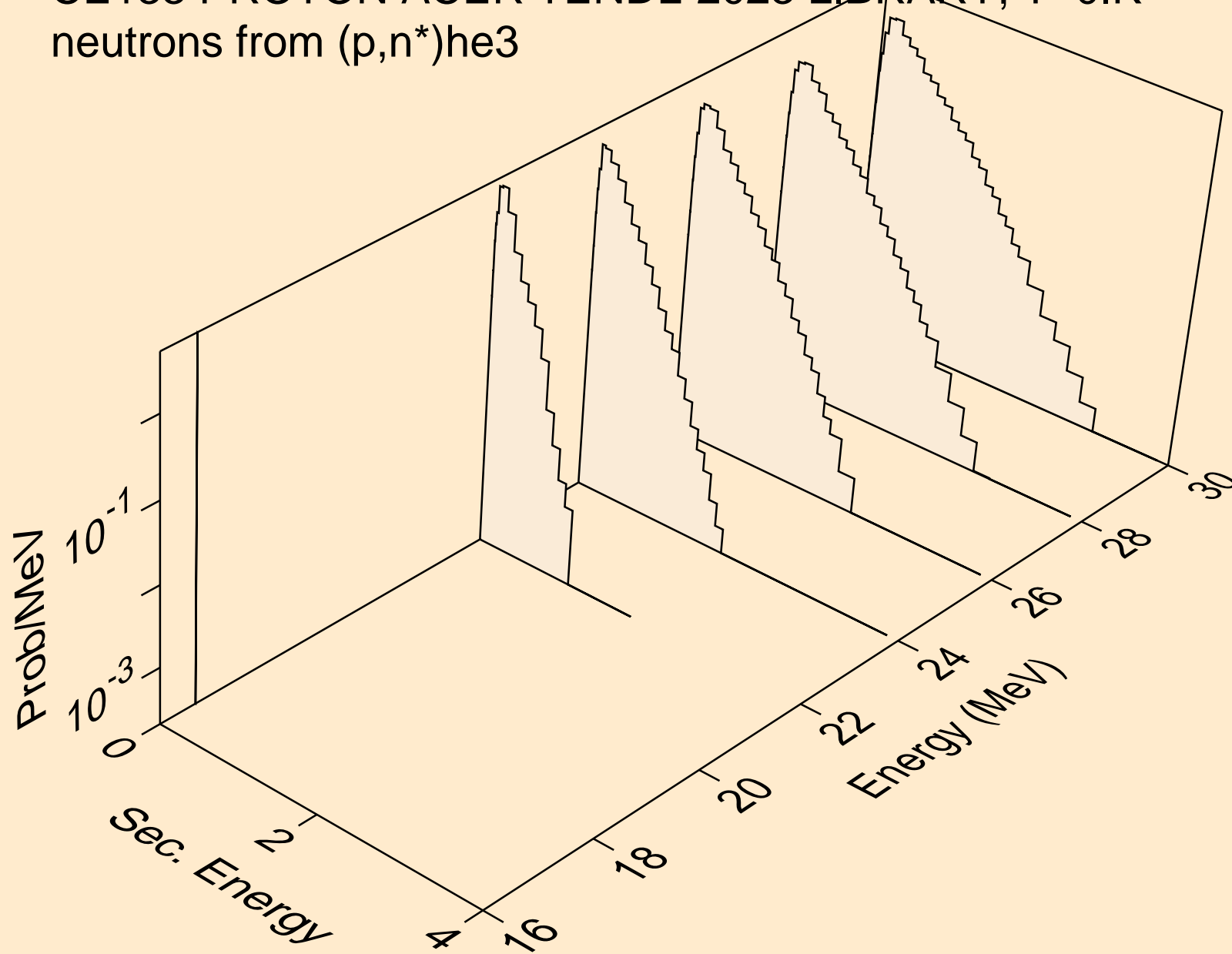
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neutrons from (p,n\*)d



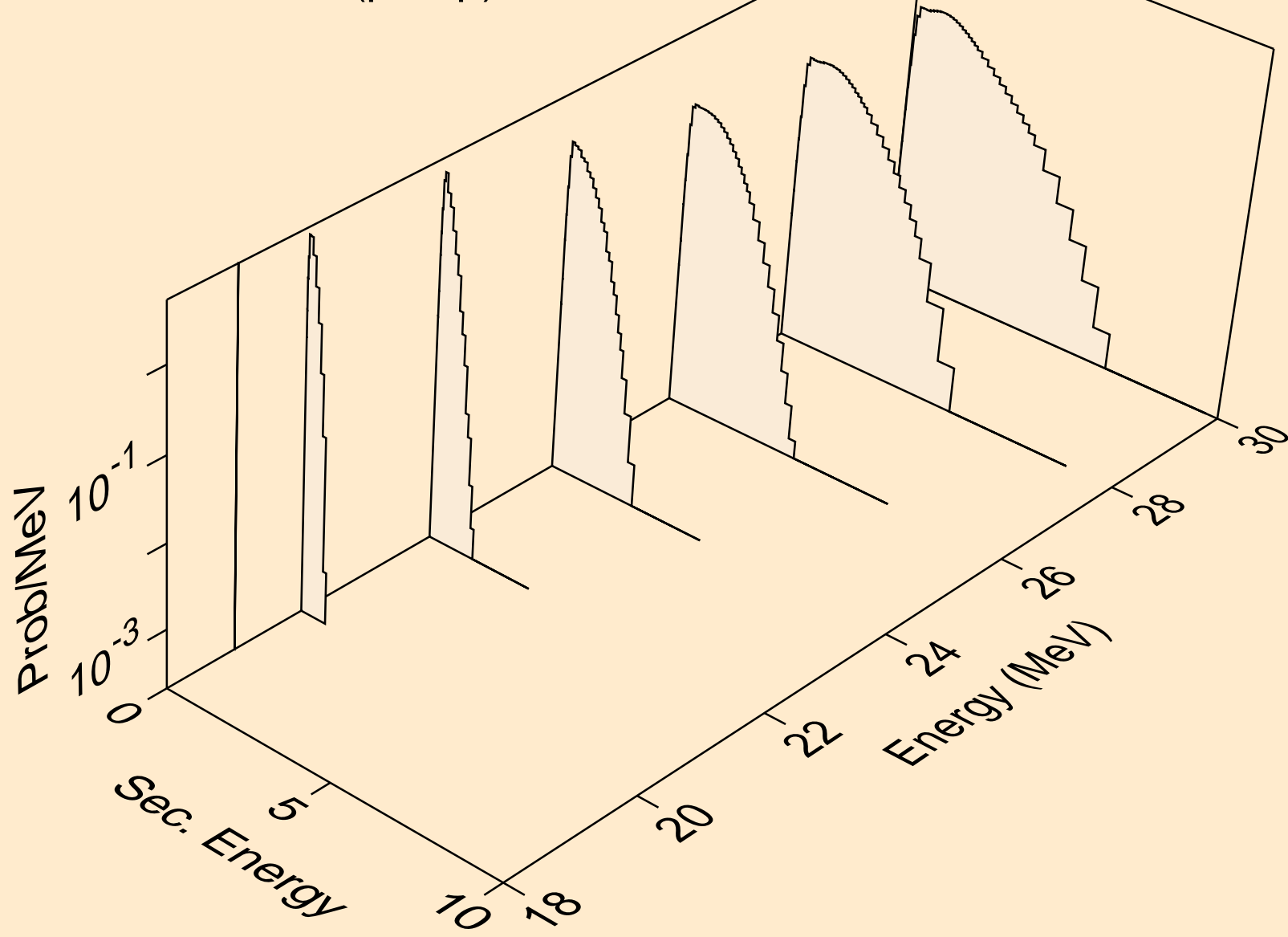
CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t



CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3

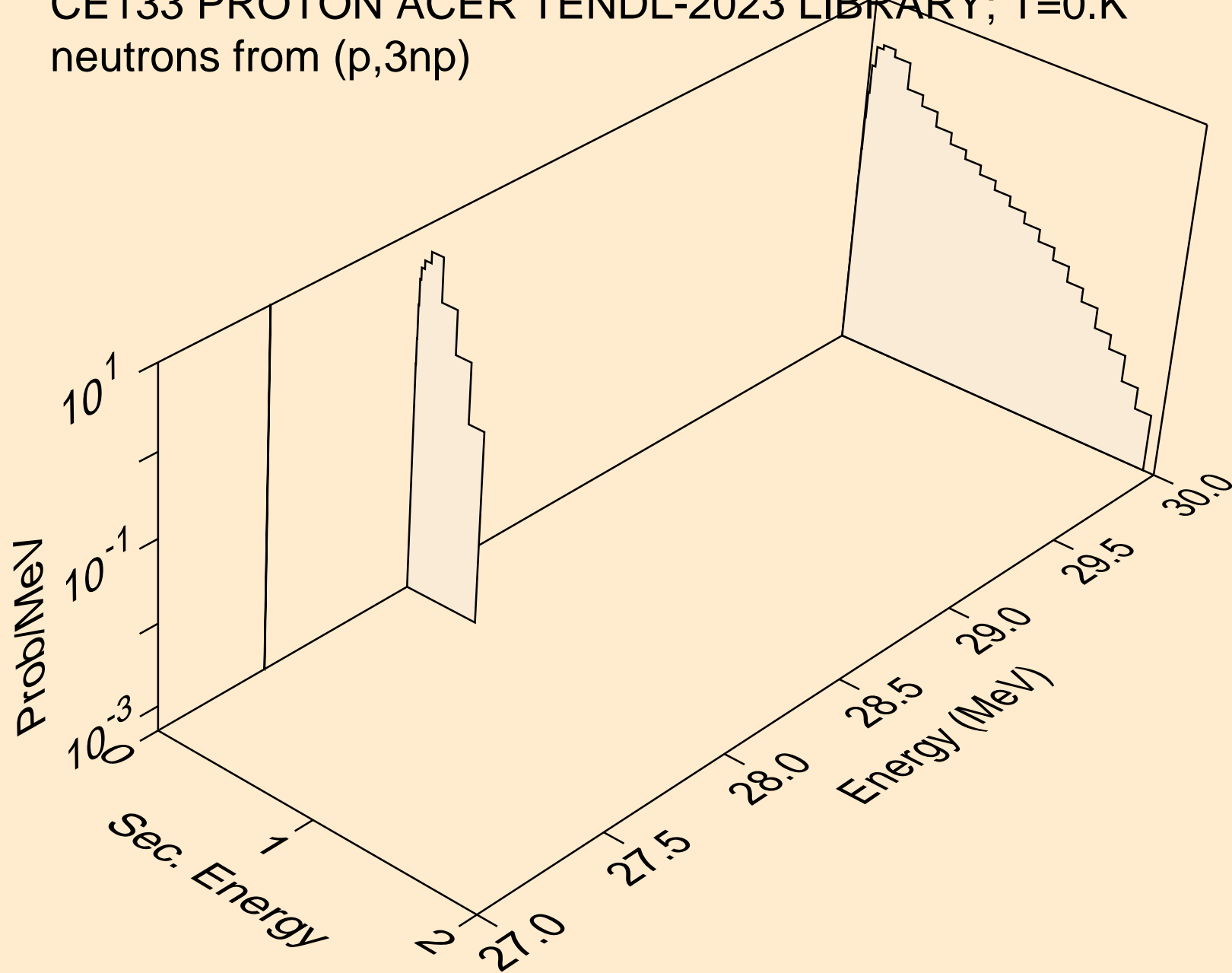


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neutrons from (p,2np)

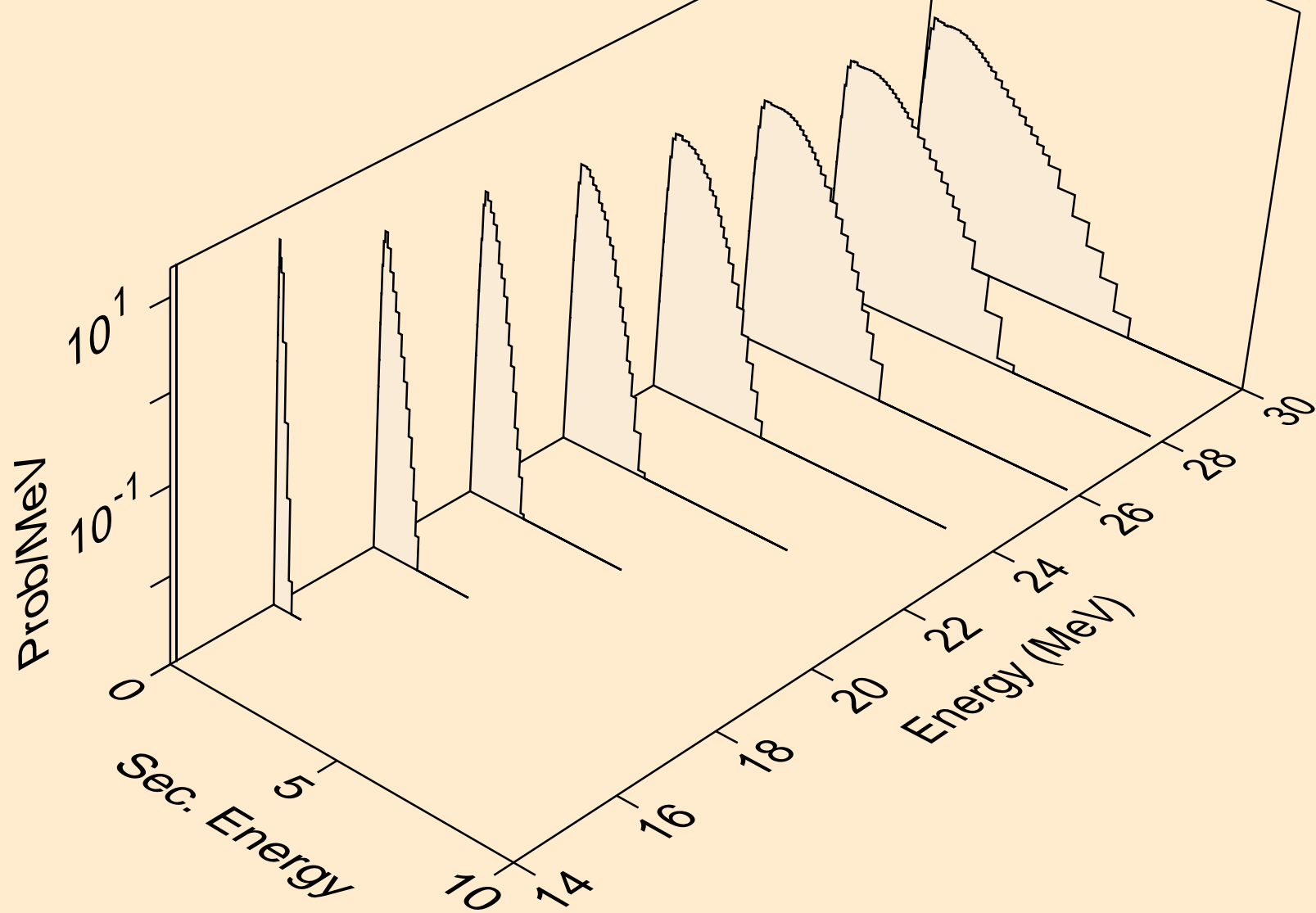




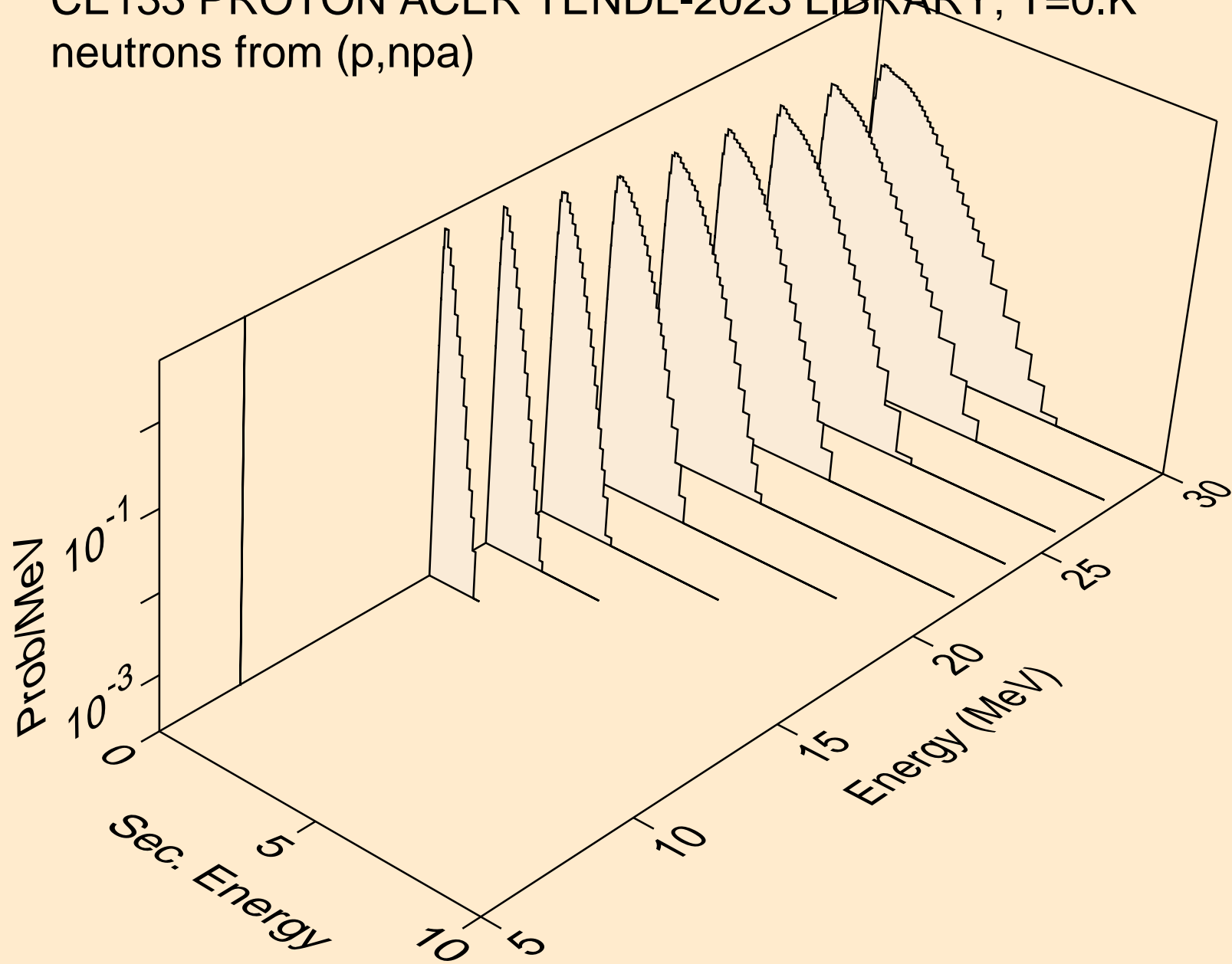
CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3np)



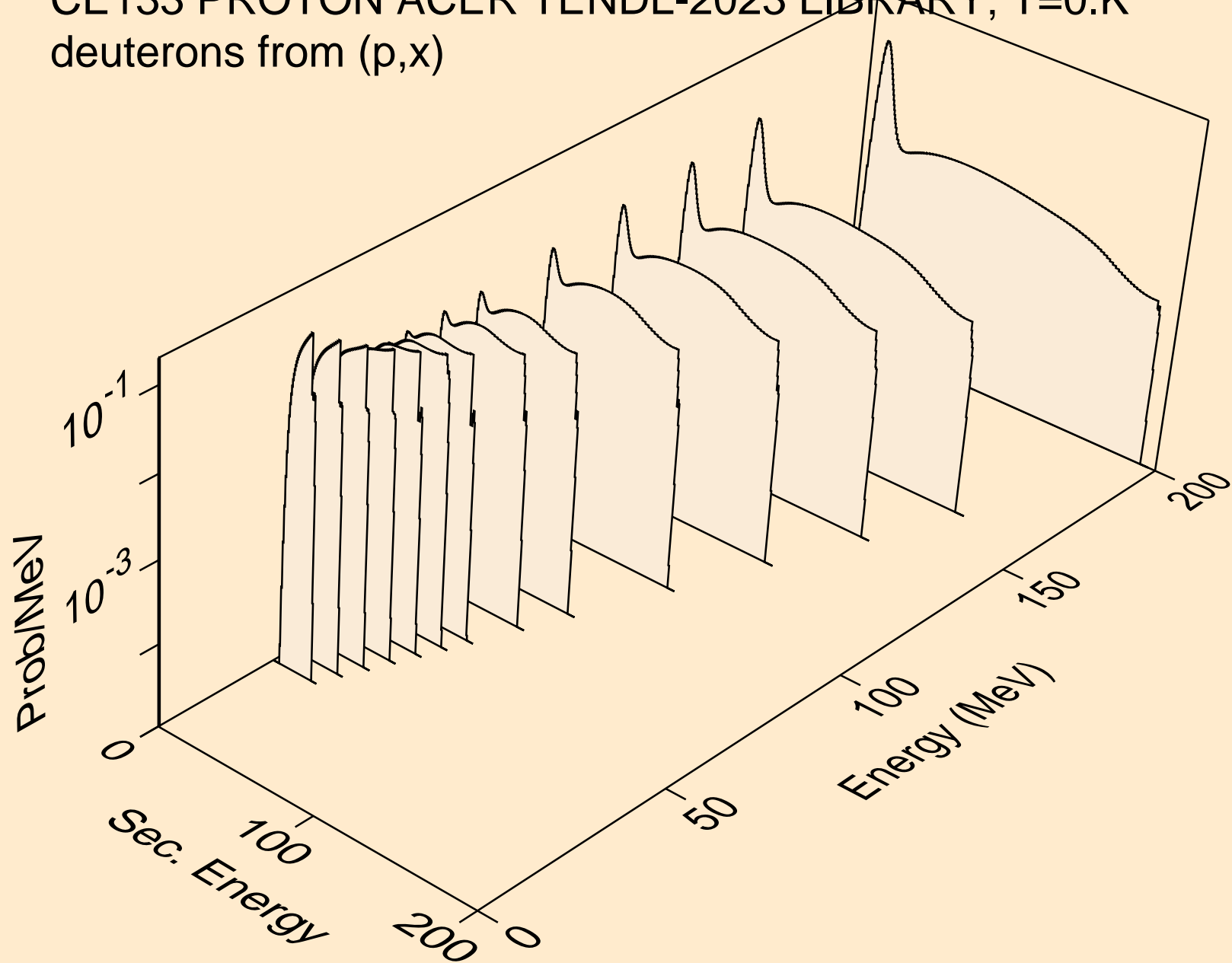
CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n2p)



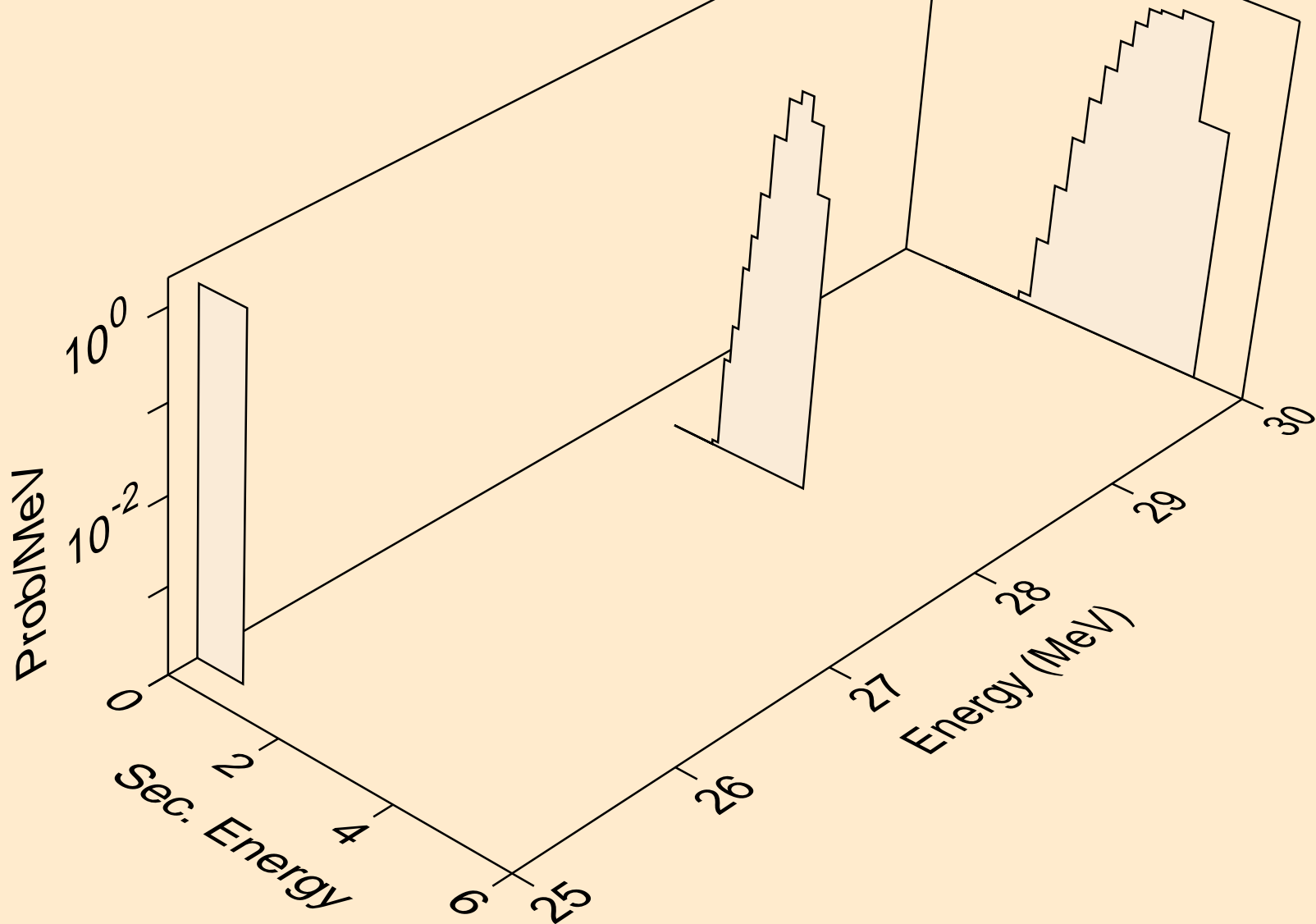
CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,npa)



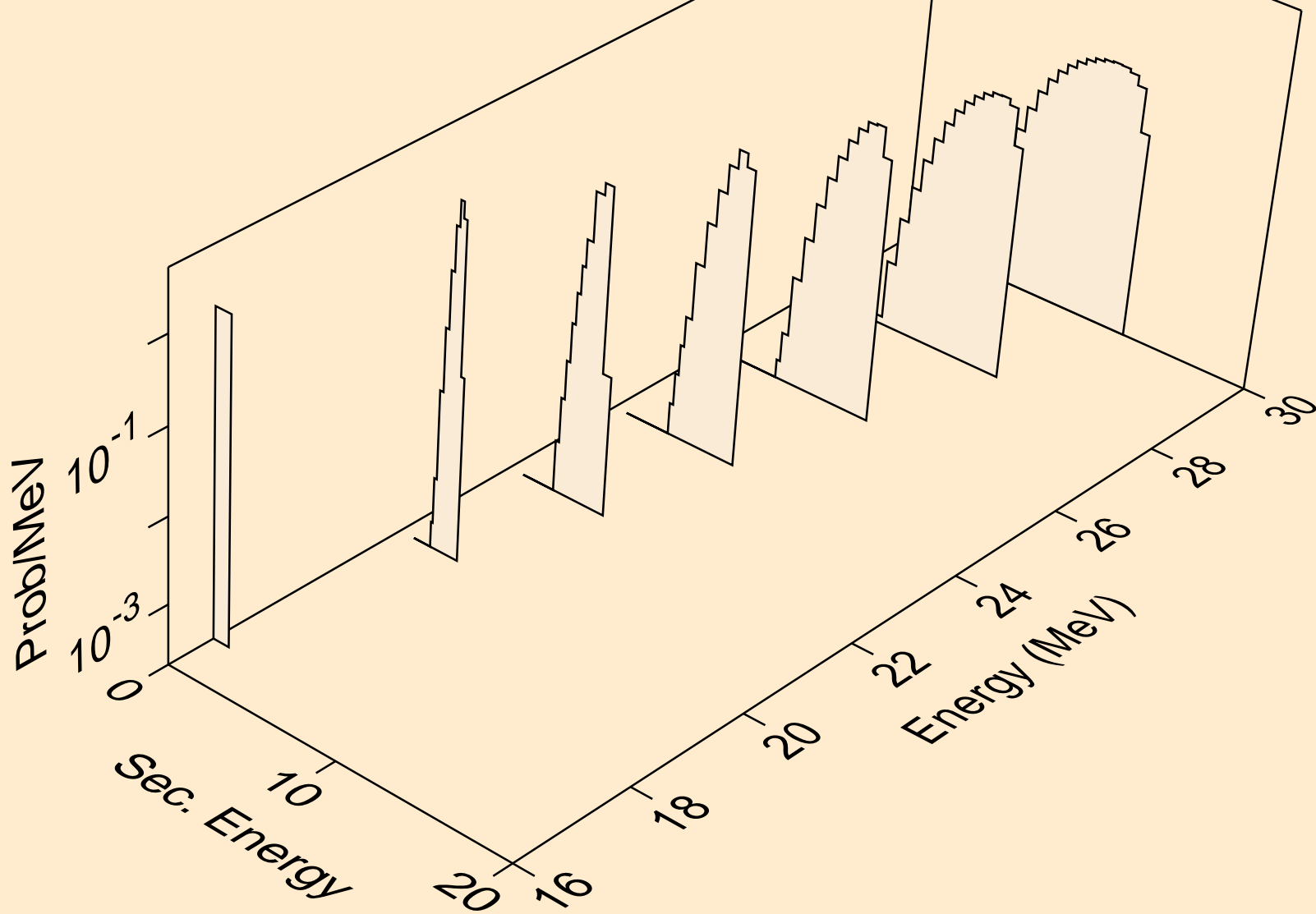
CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)



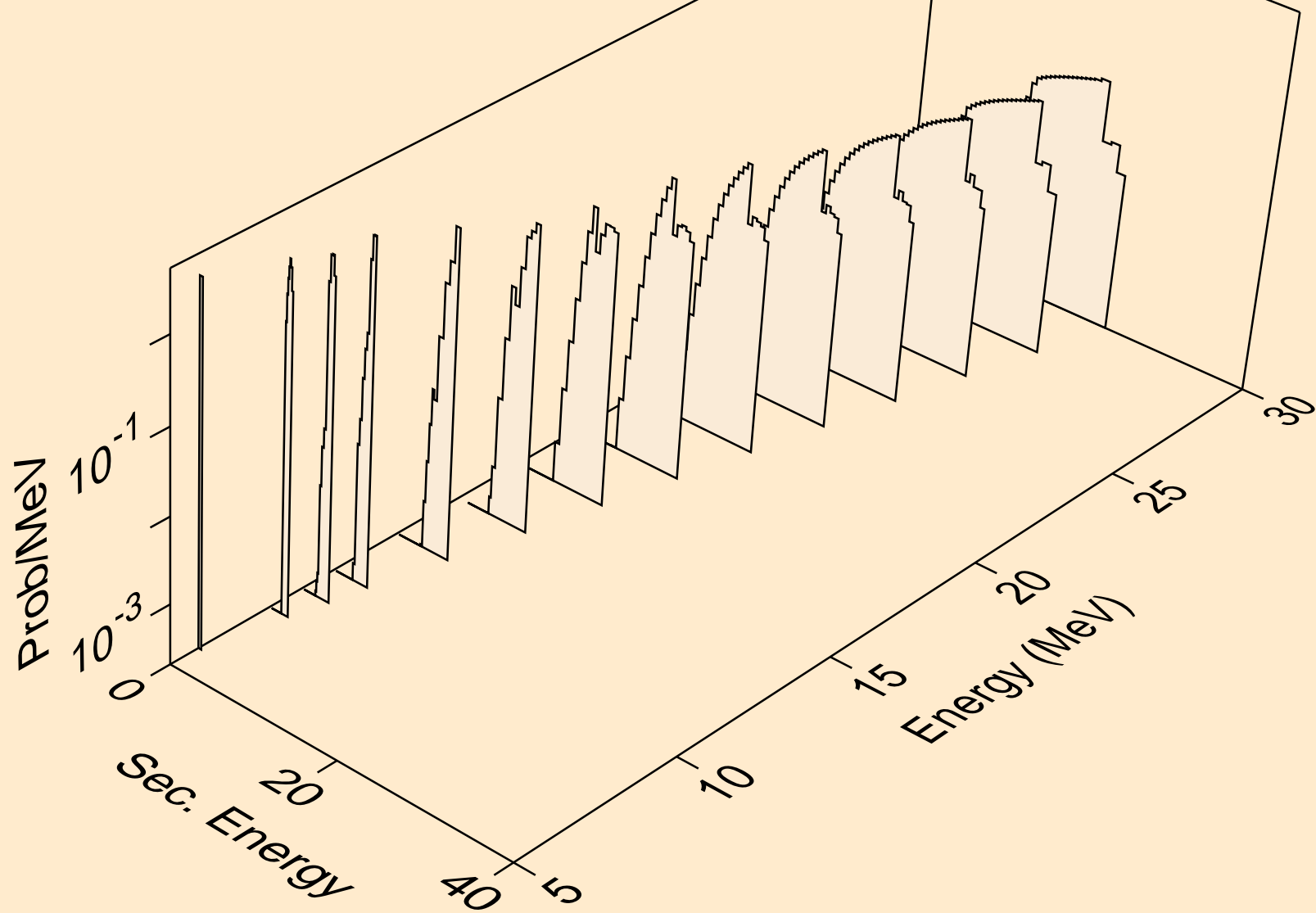
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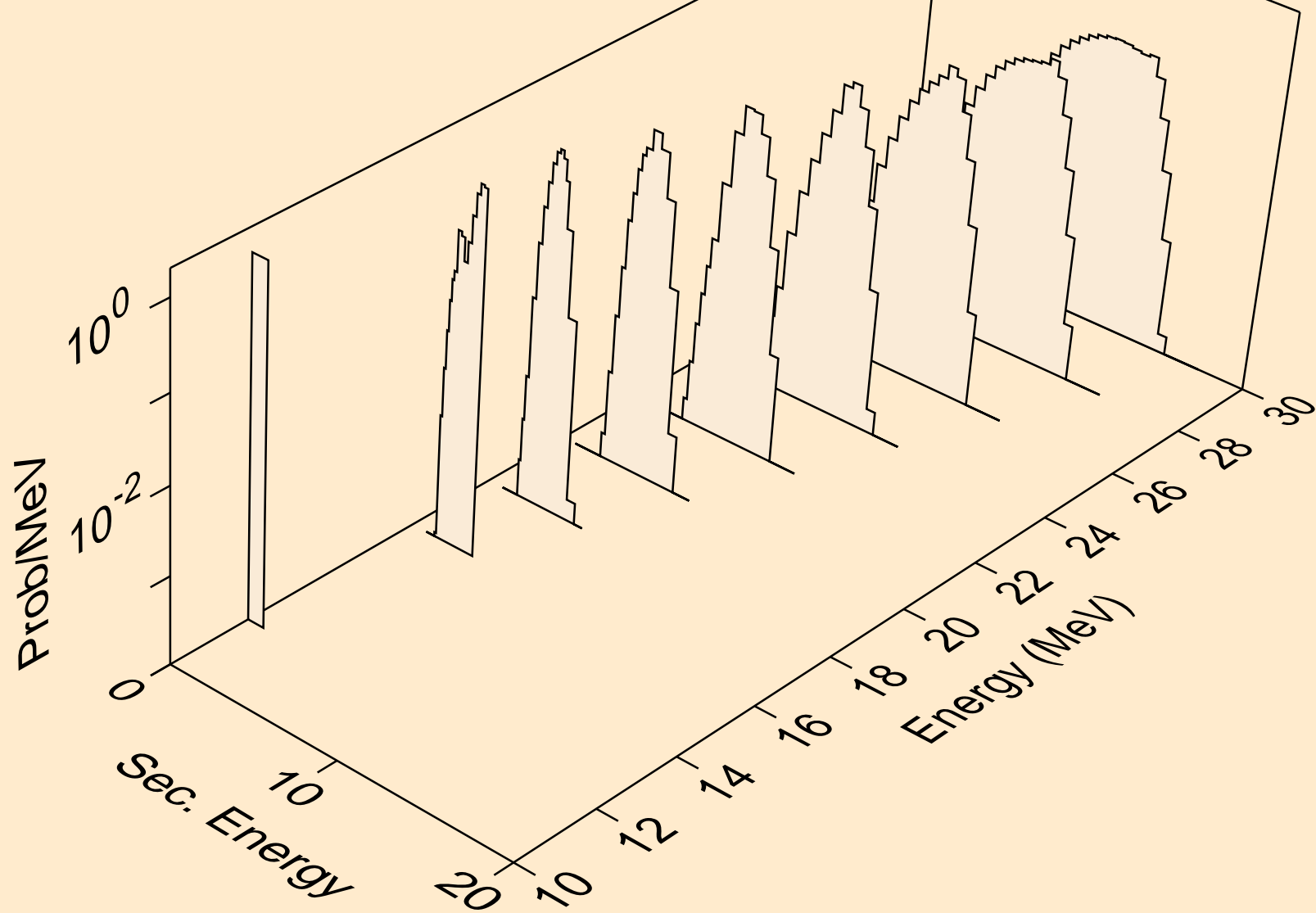
CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d



CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)

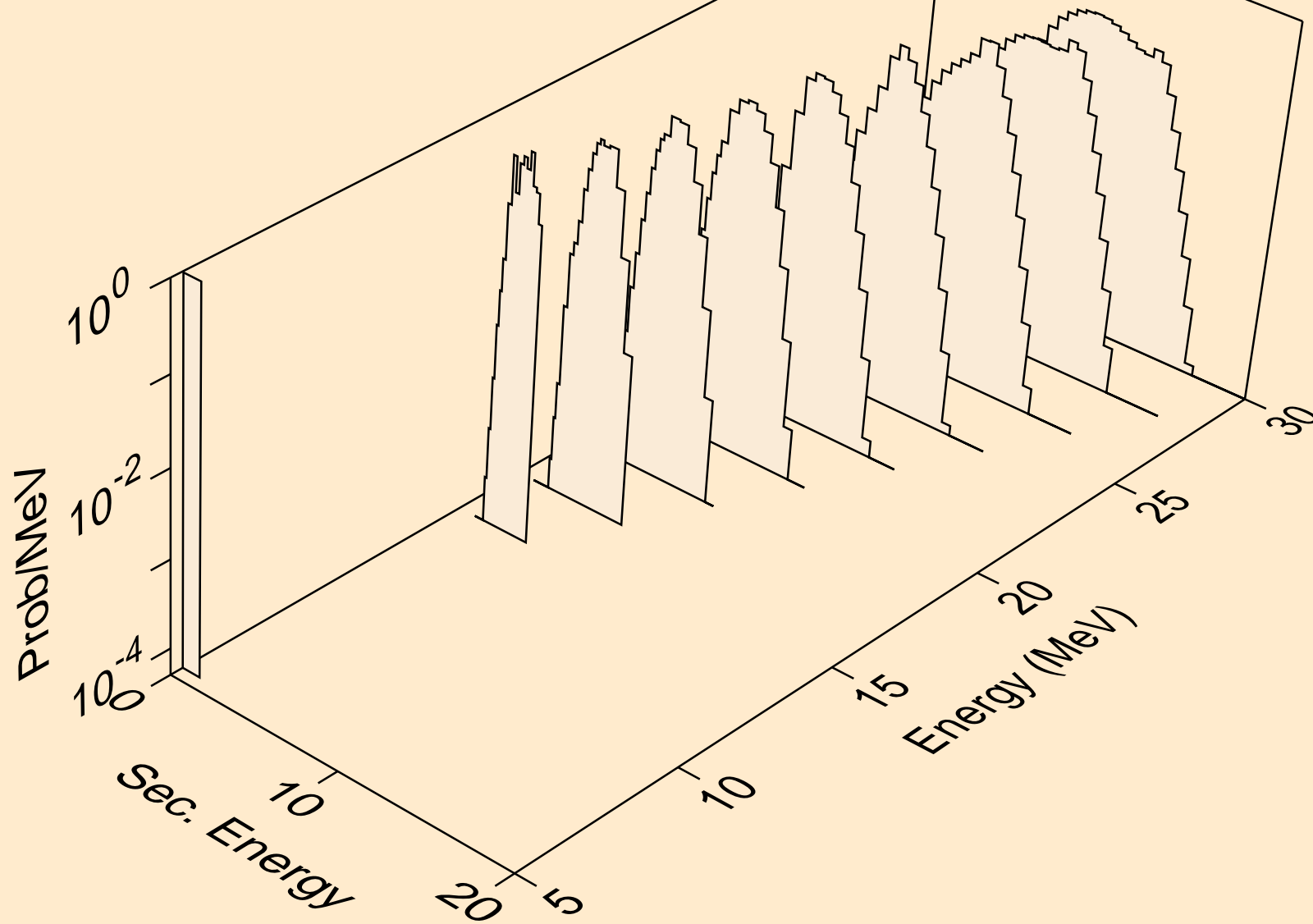


CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)

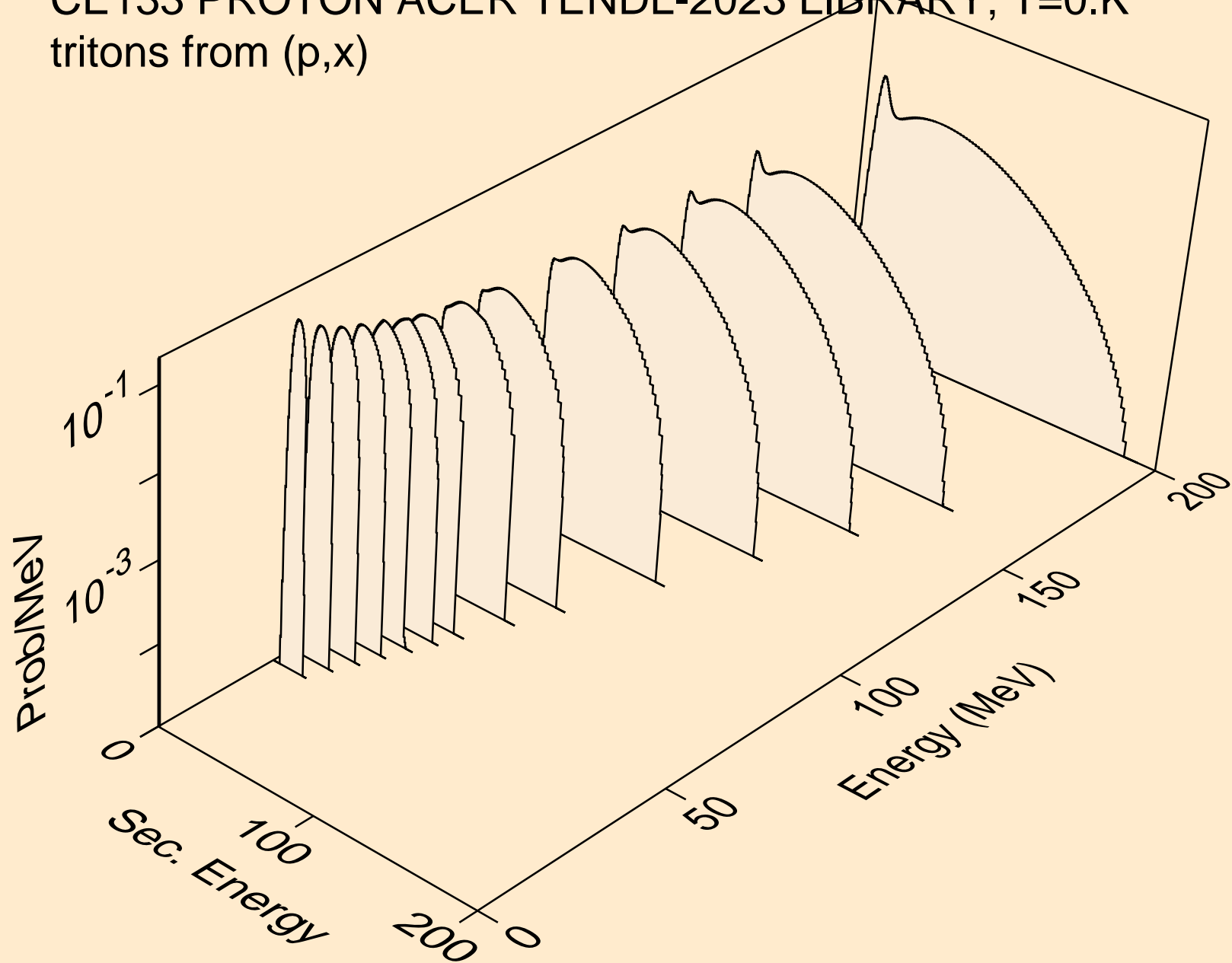




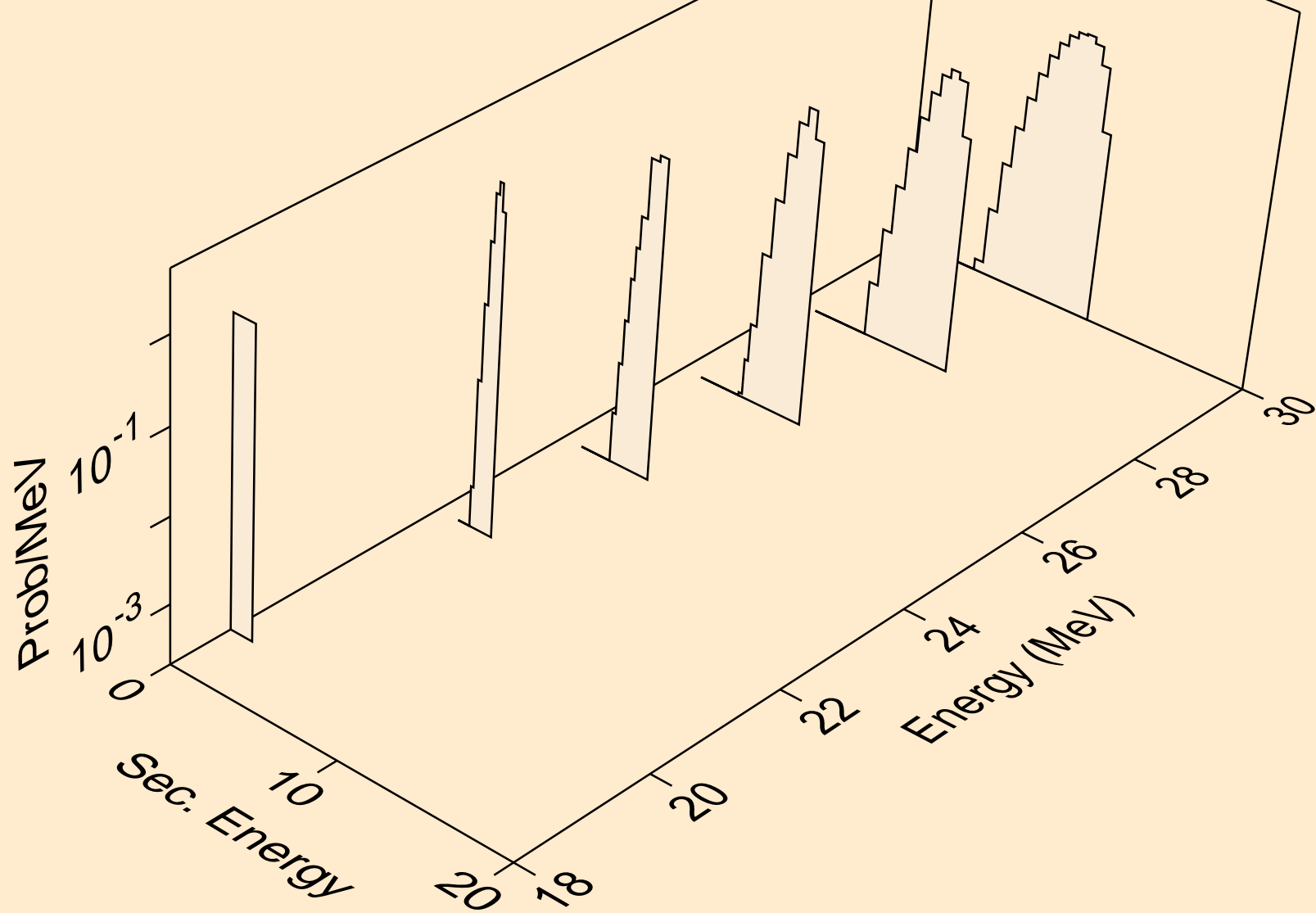
CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,da)



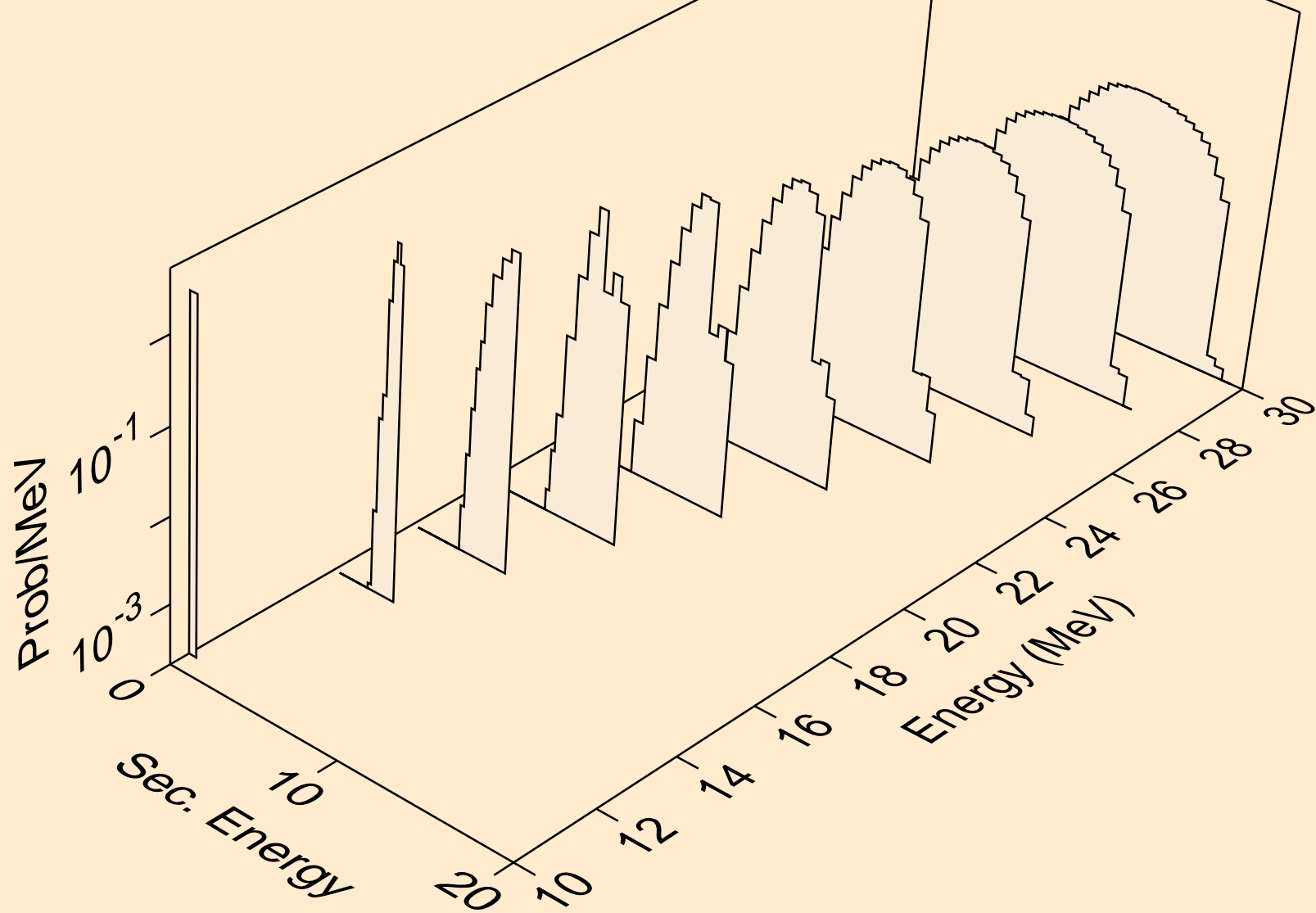
CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



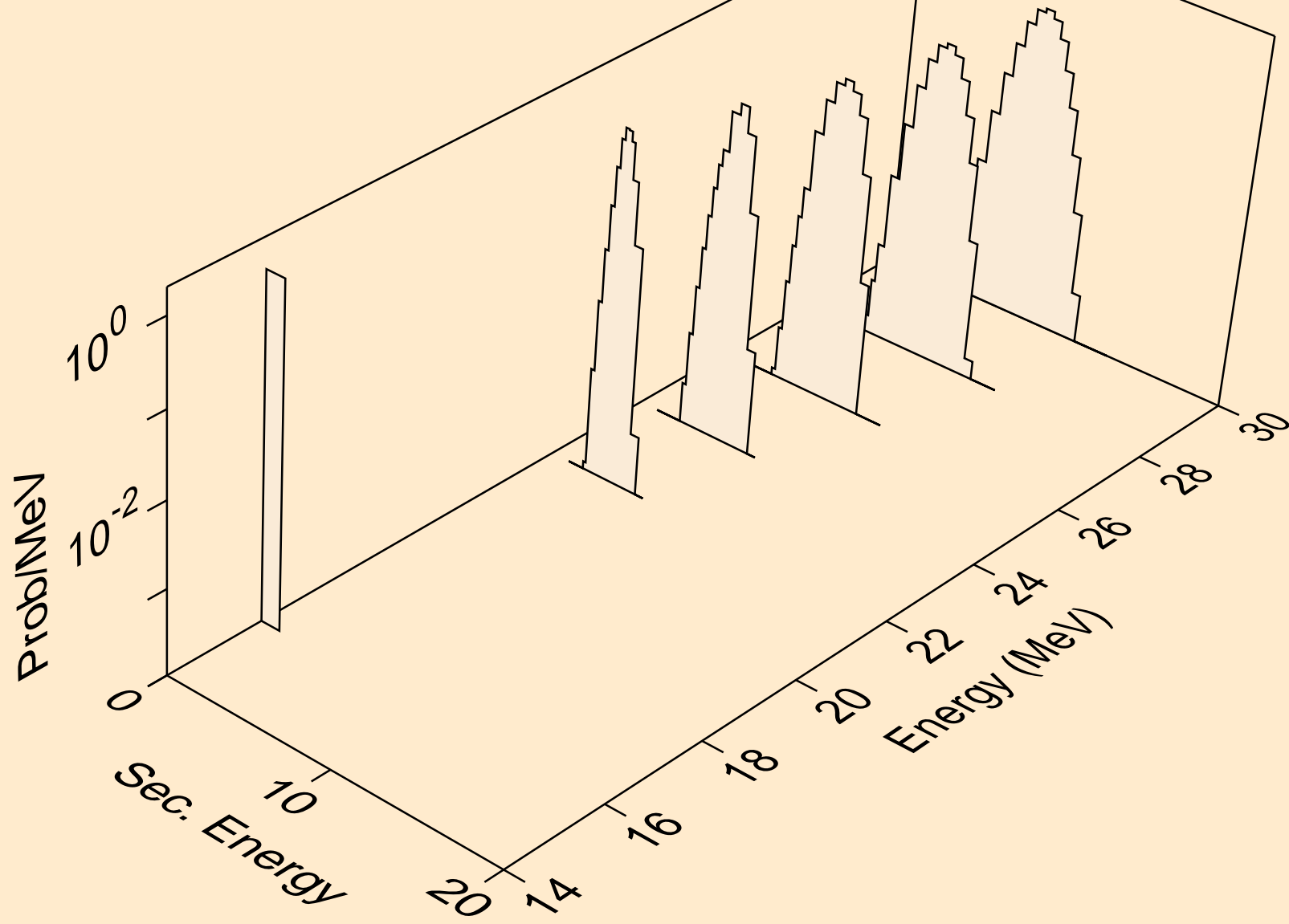
CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t



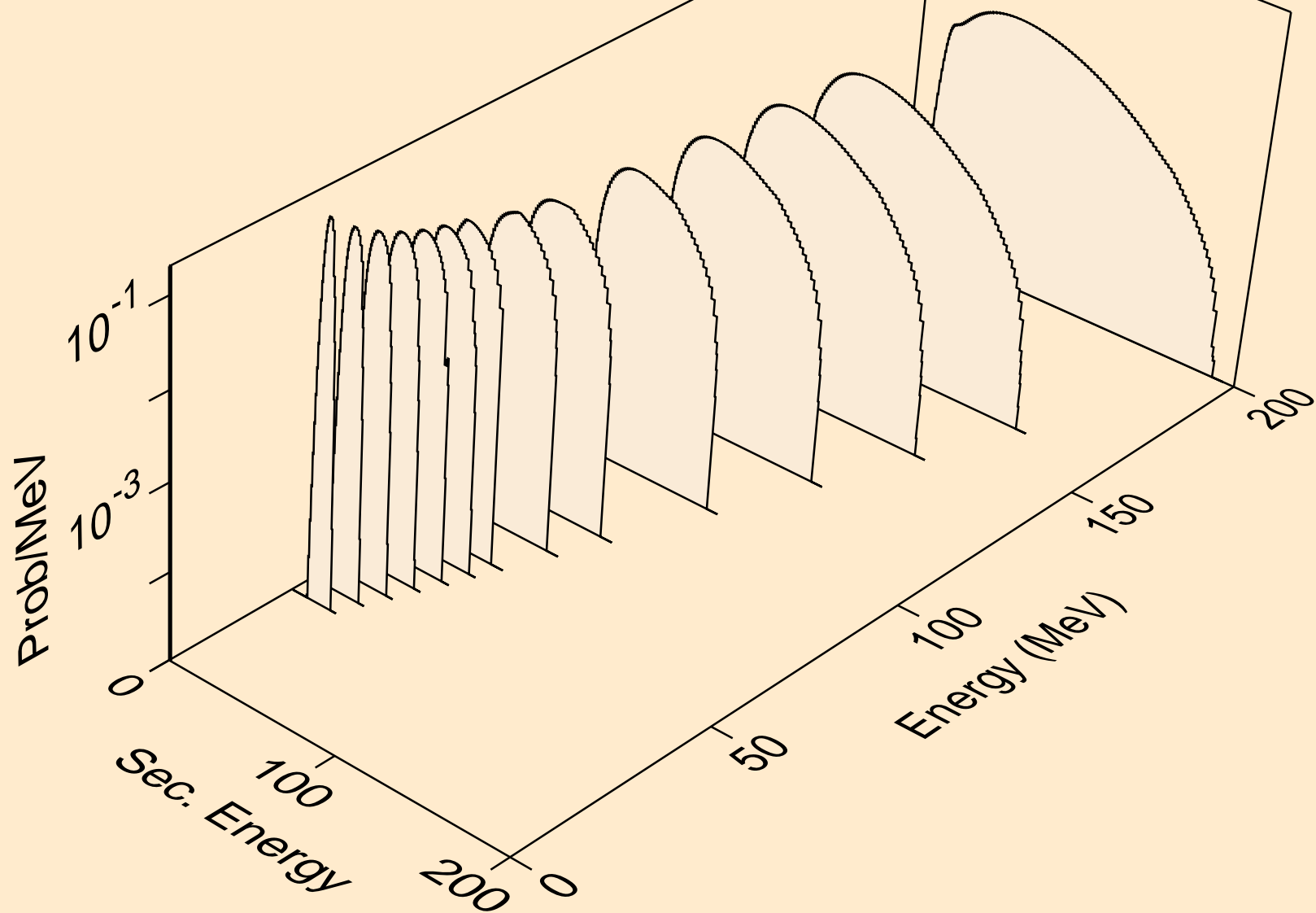
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tritons from (p,t)



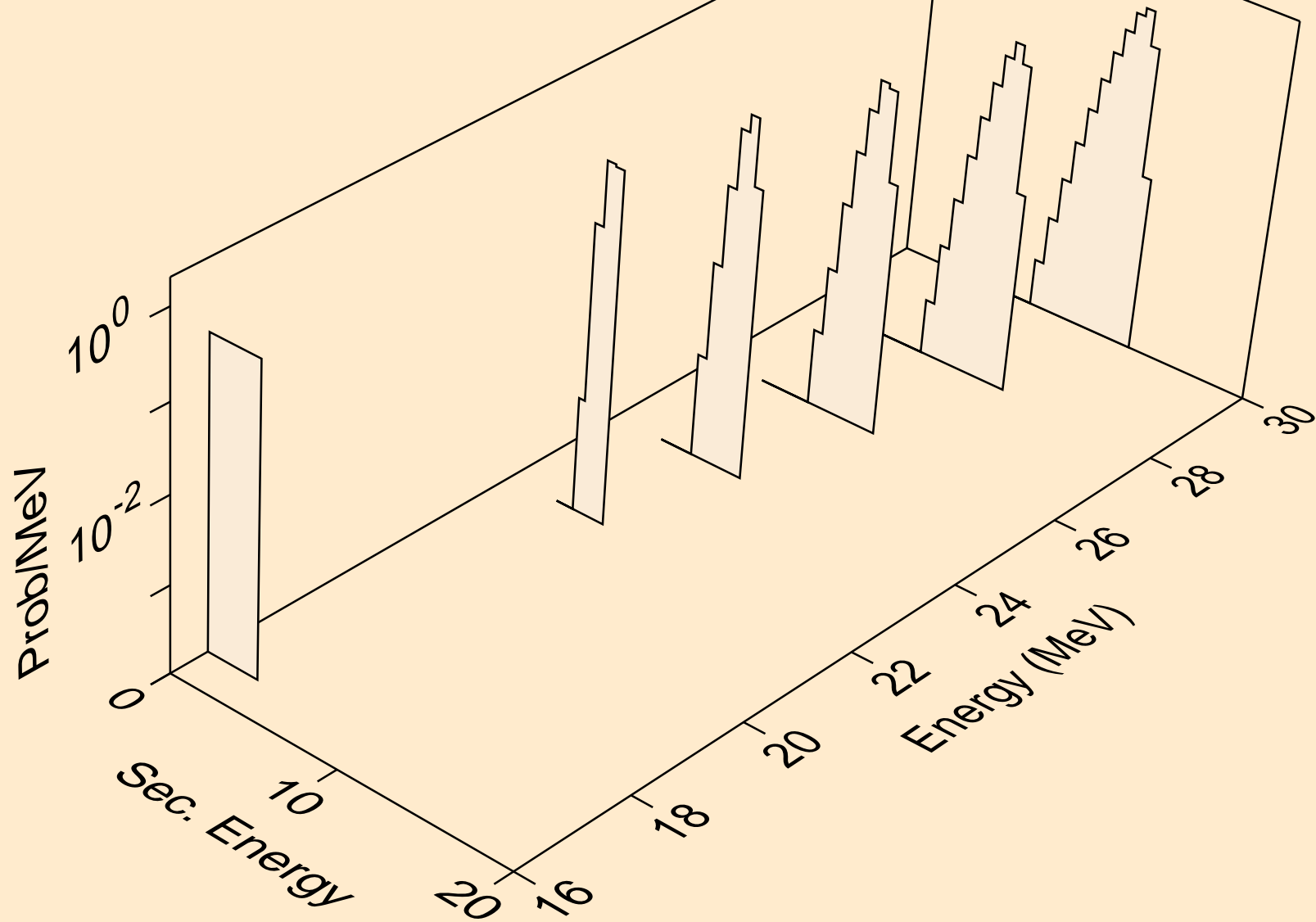
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tritons from (p,pt)



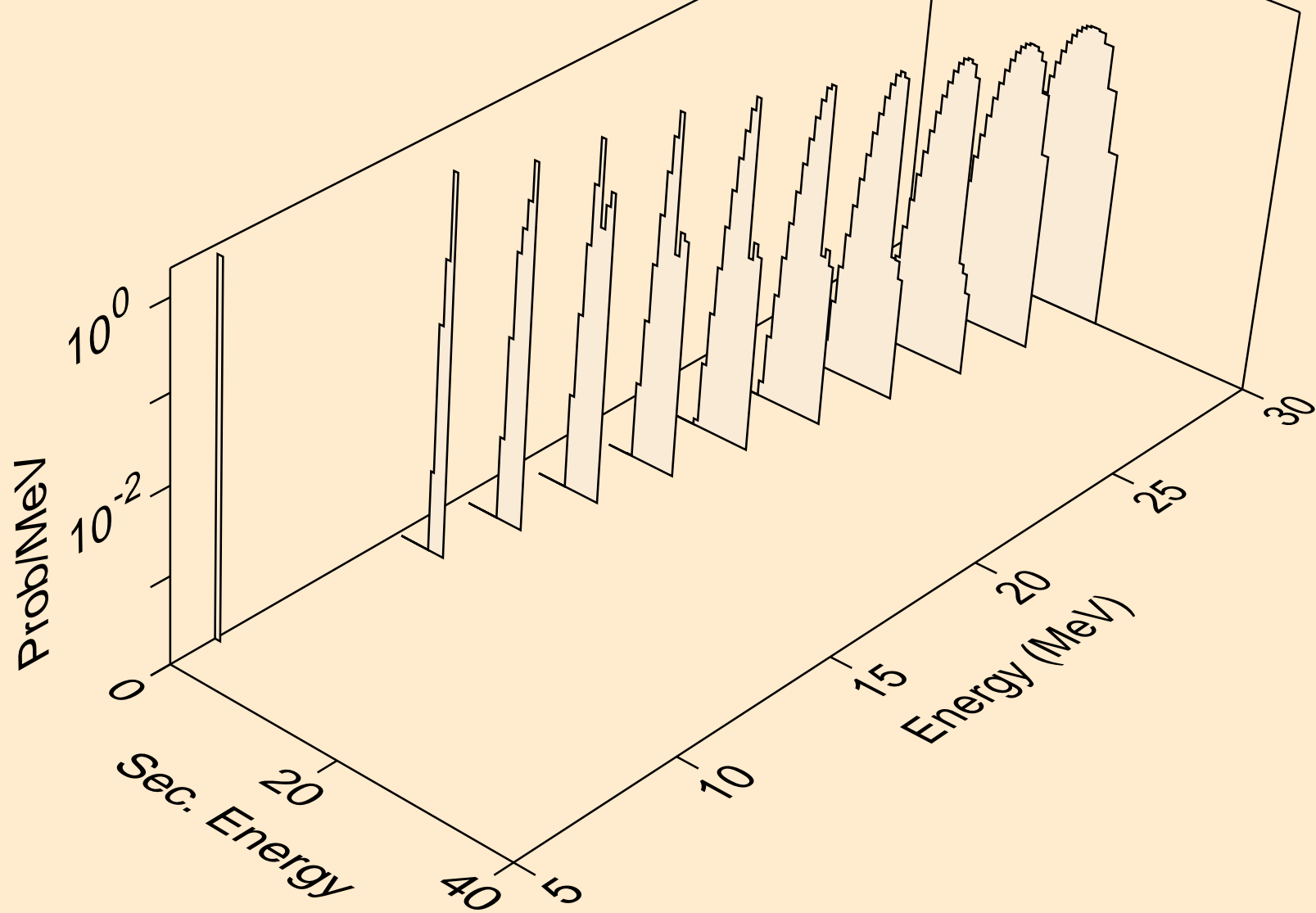
CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3

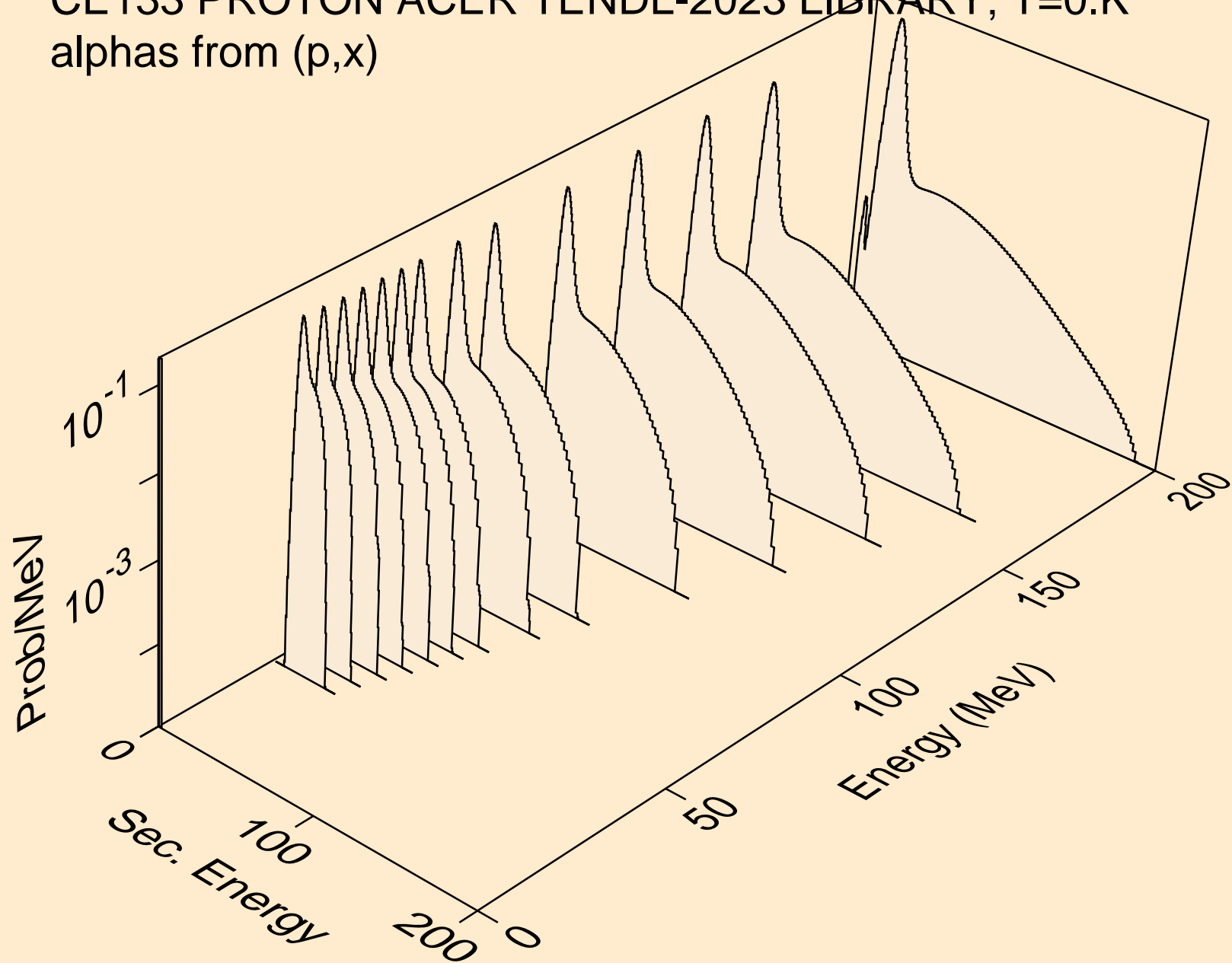


CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)

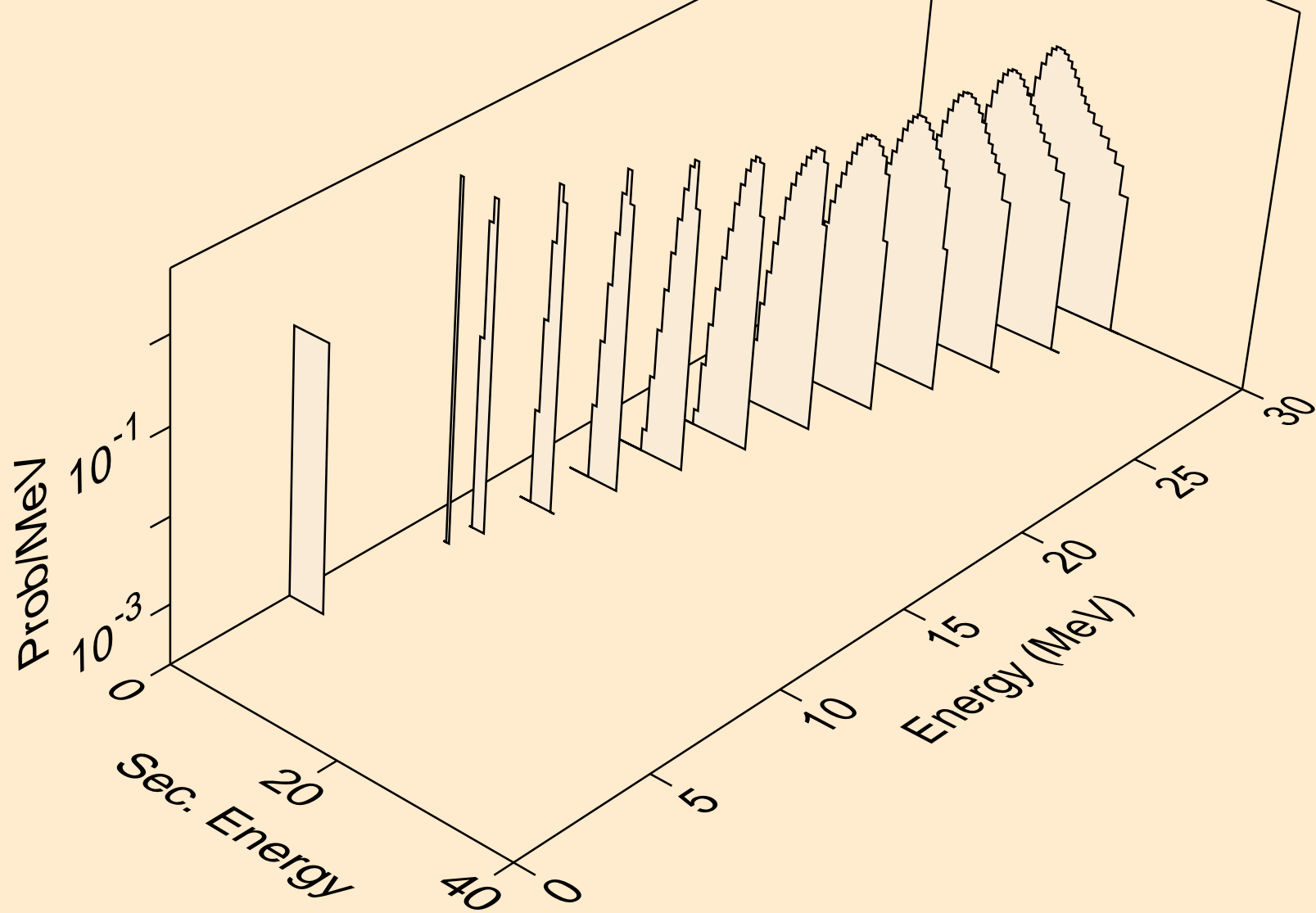




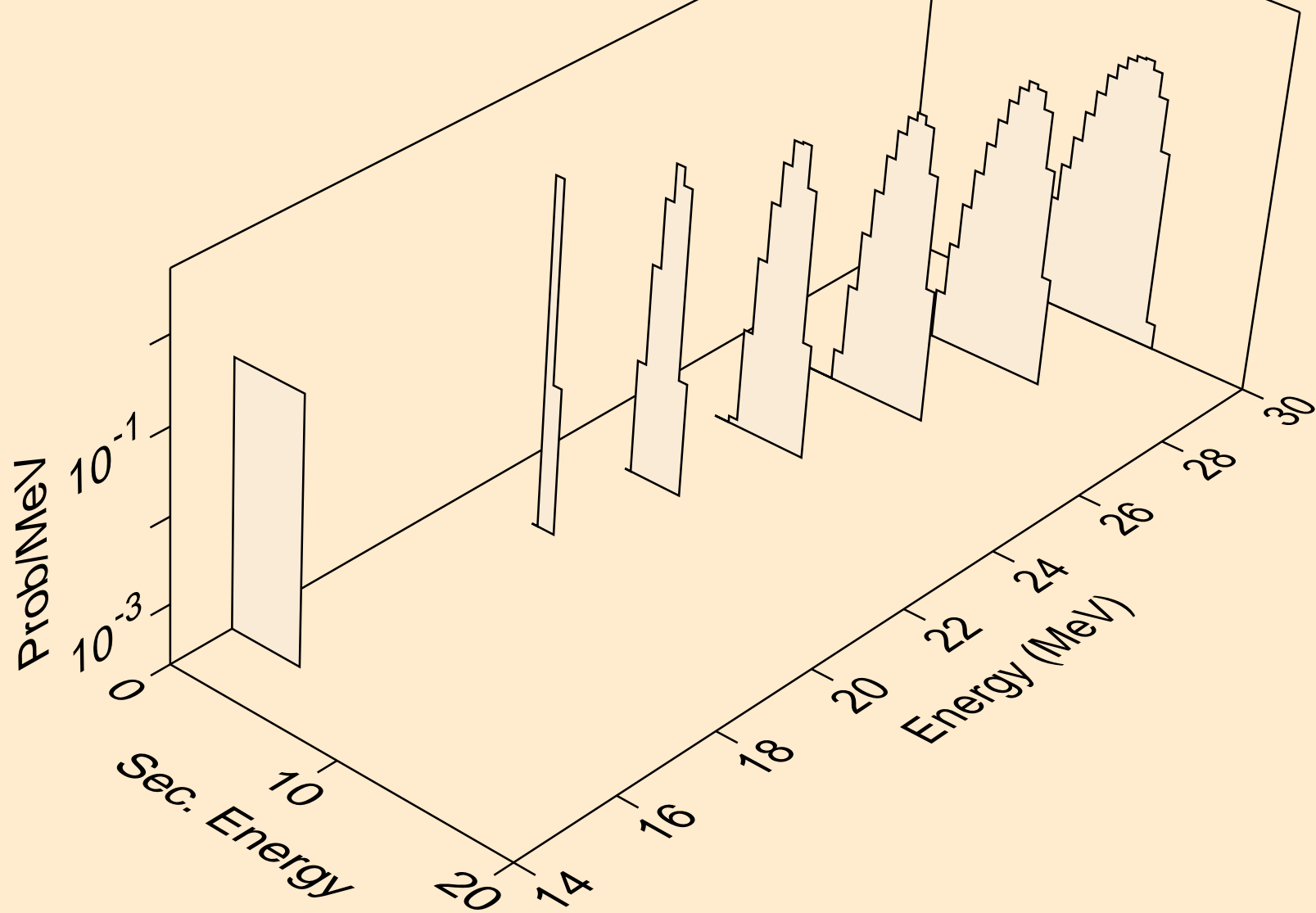
CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



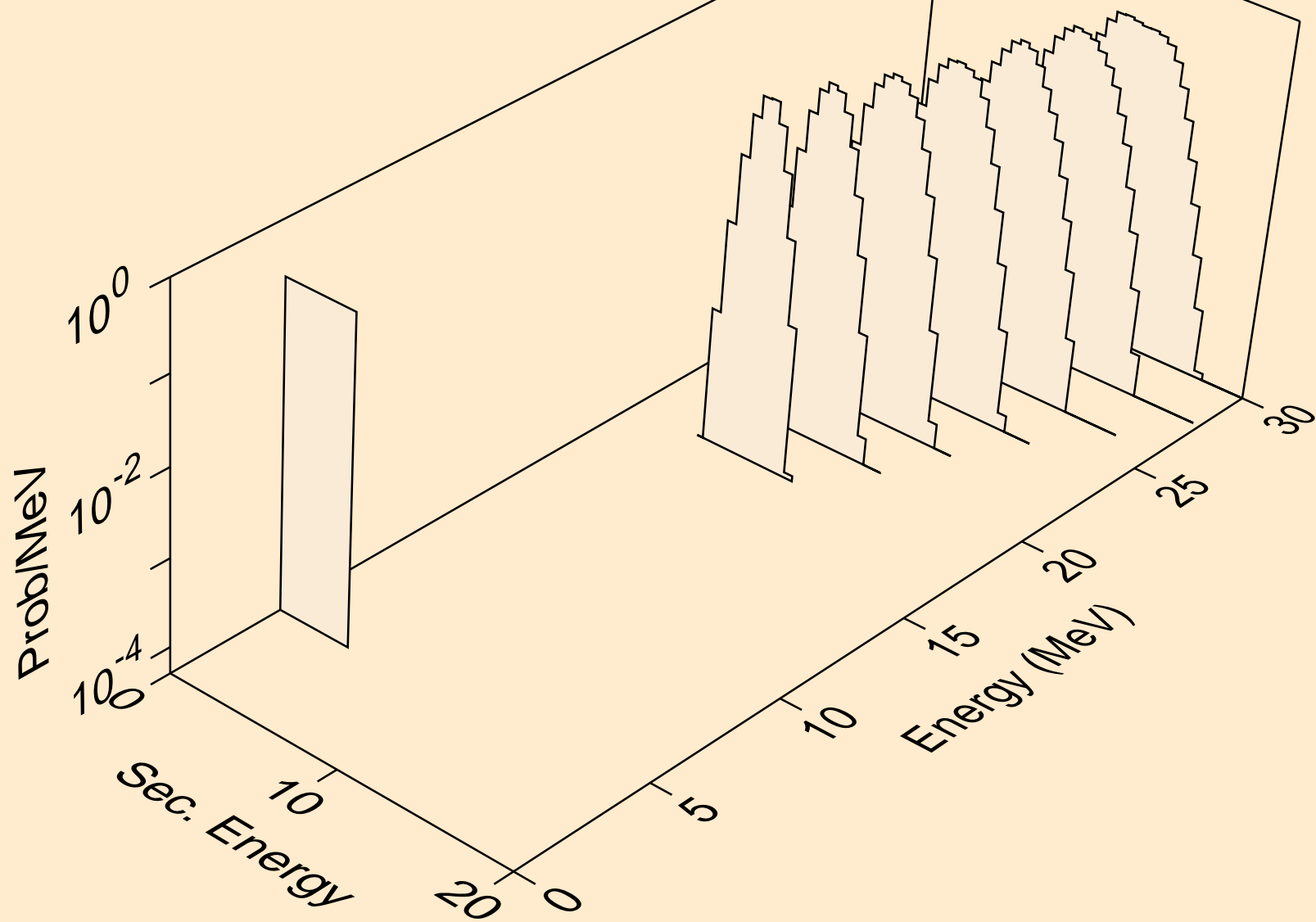
CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



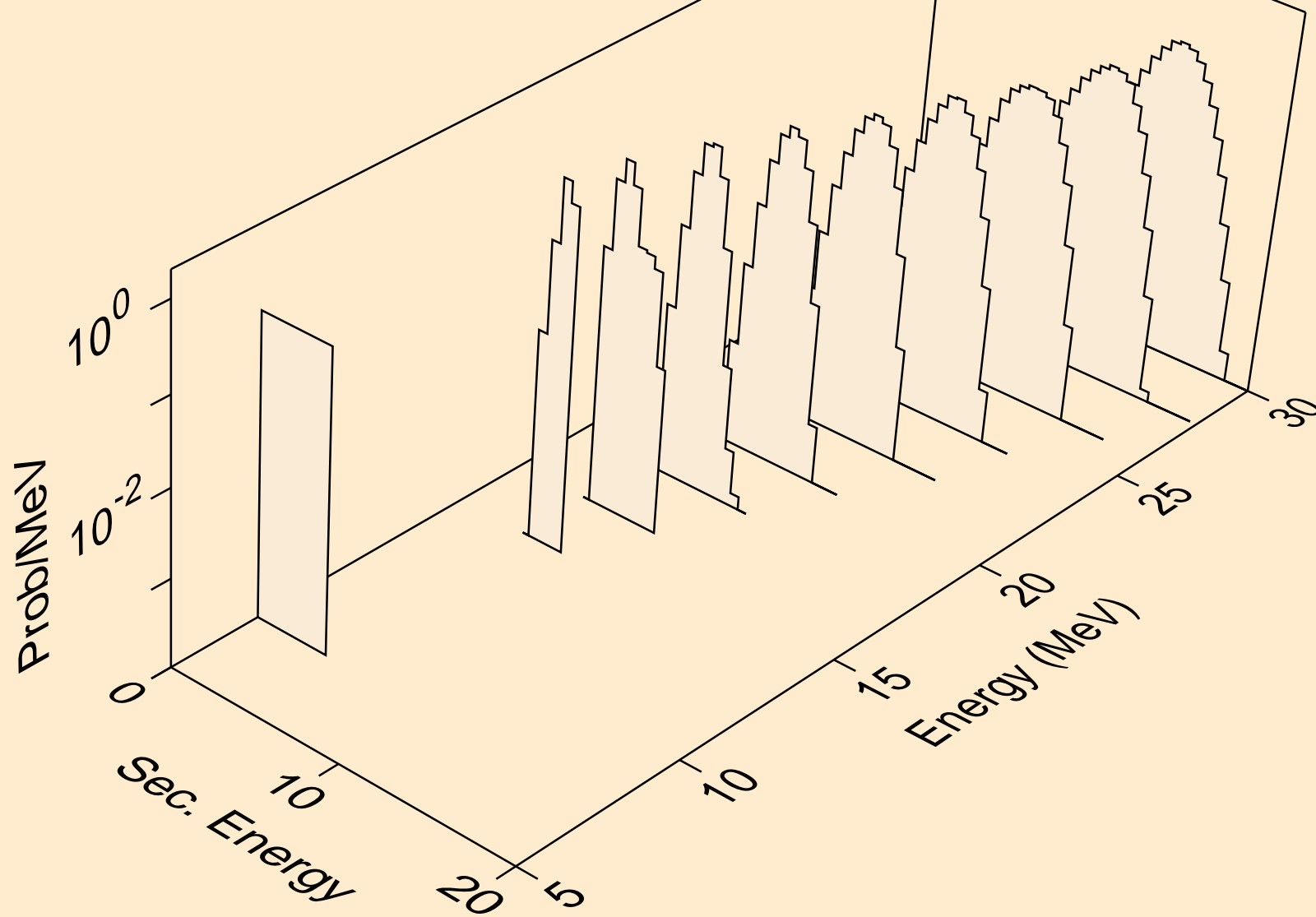
CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a



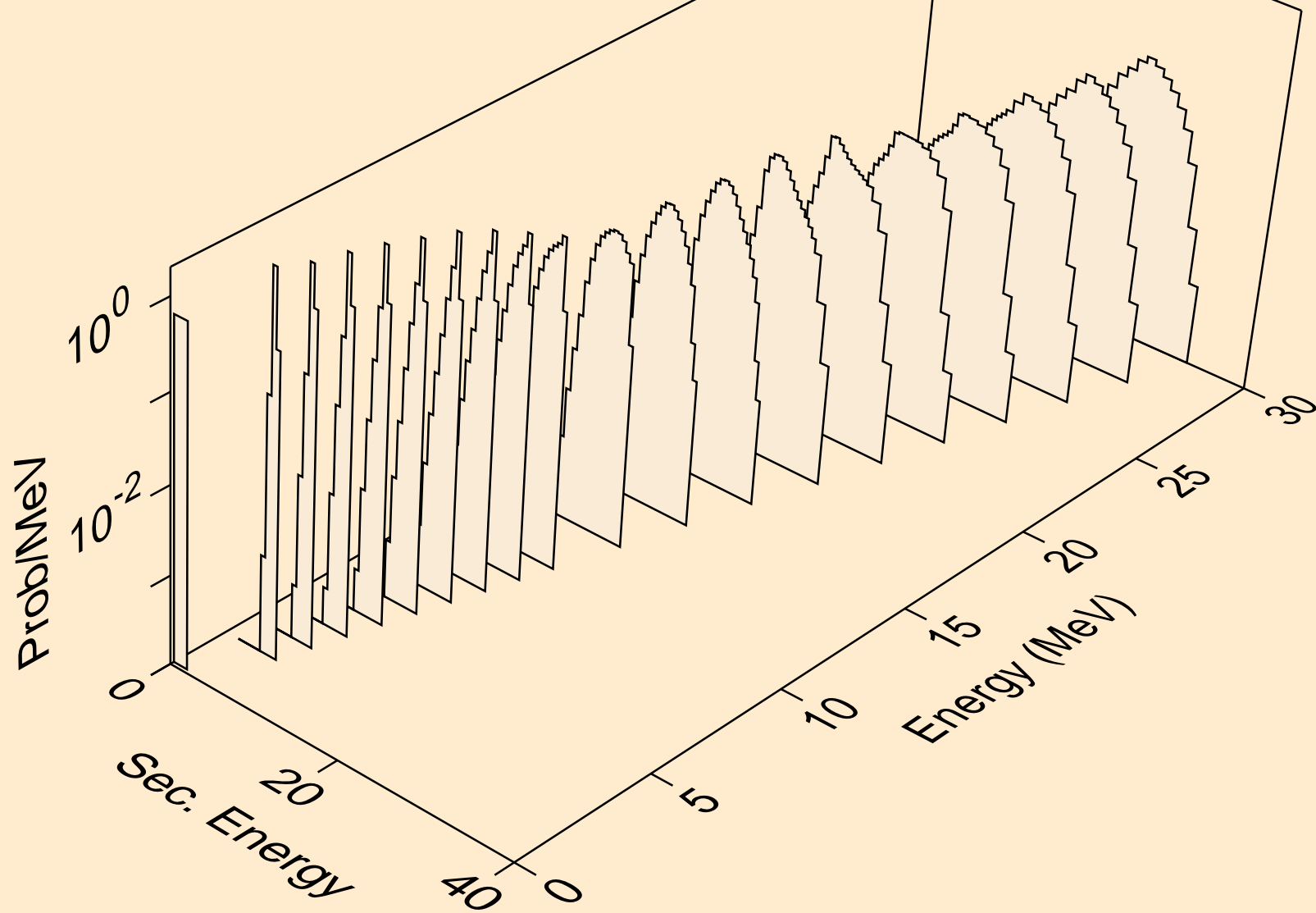
CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)2a



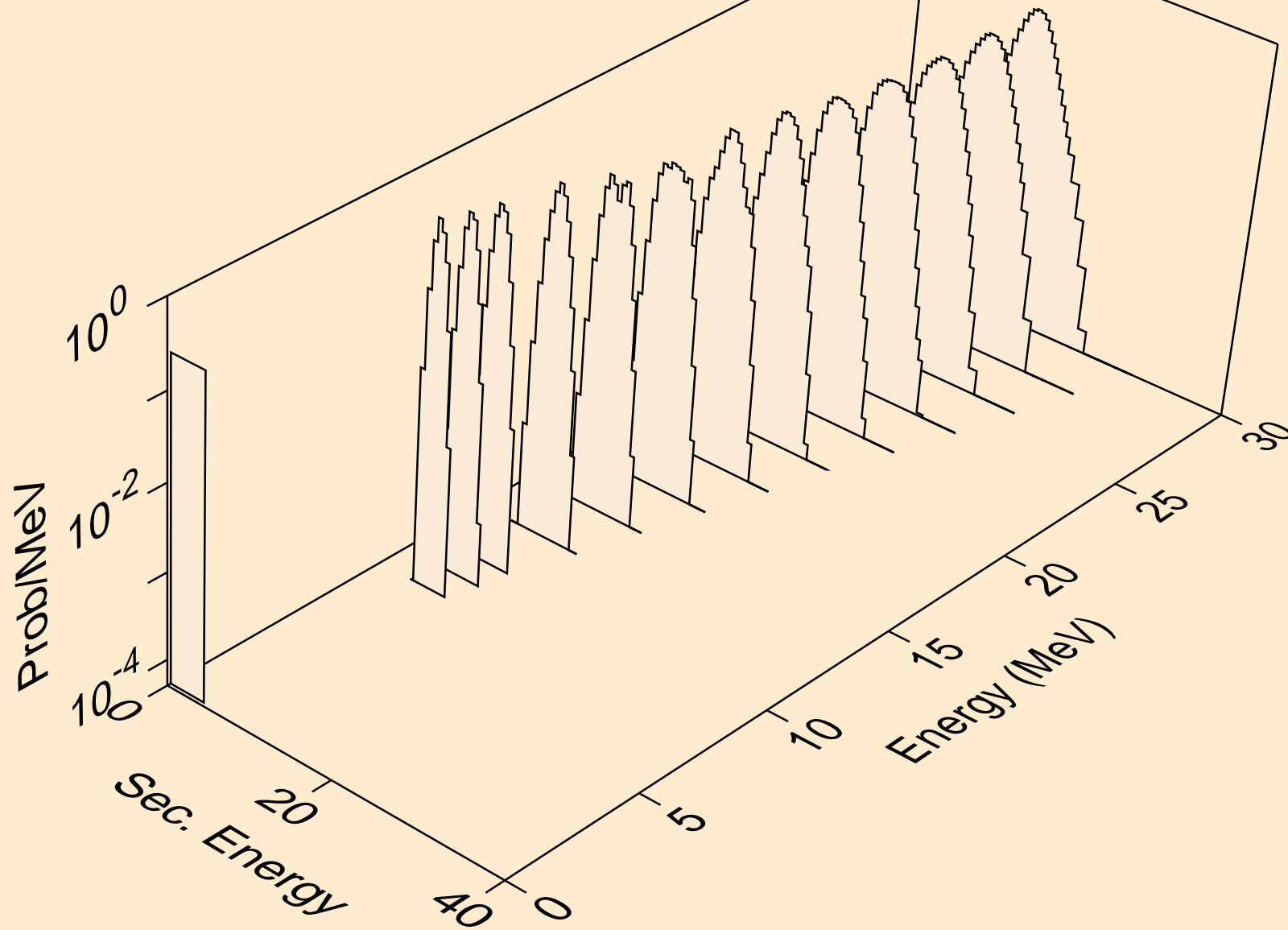
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alphas from (p,npa)



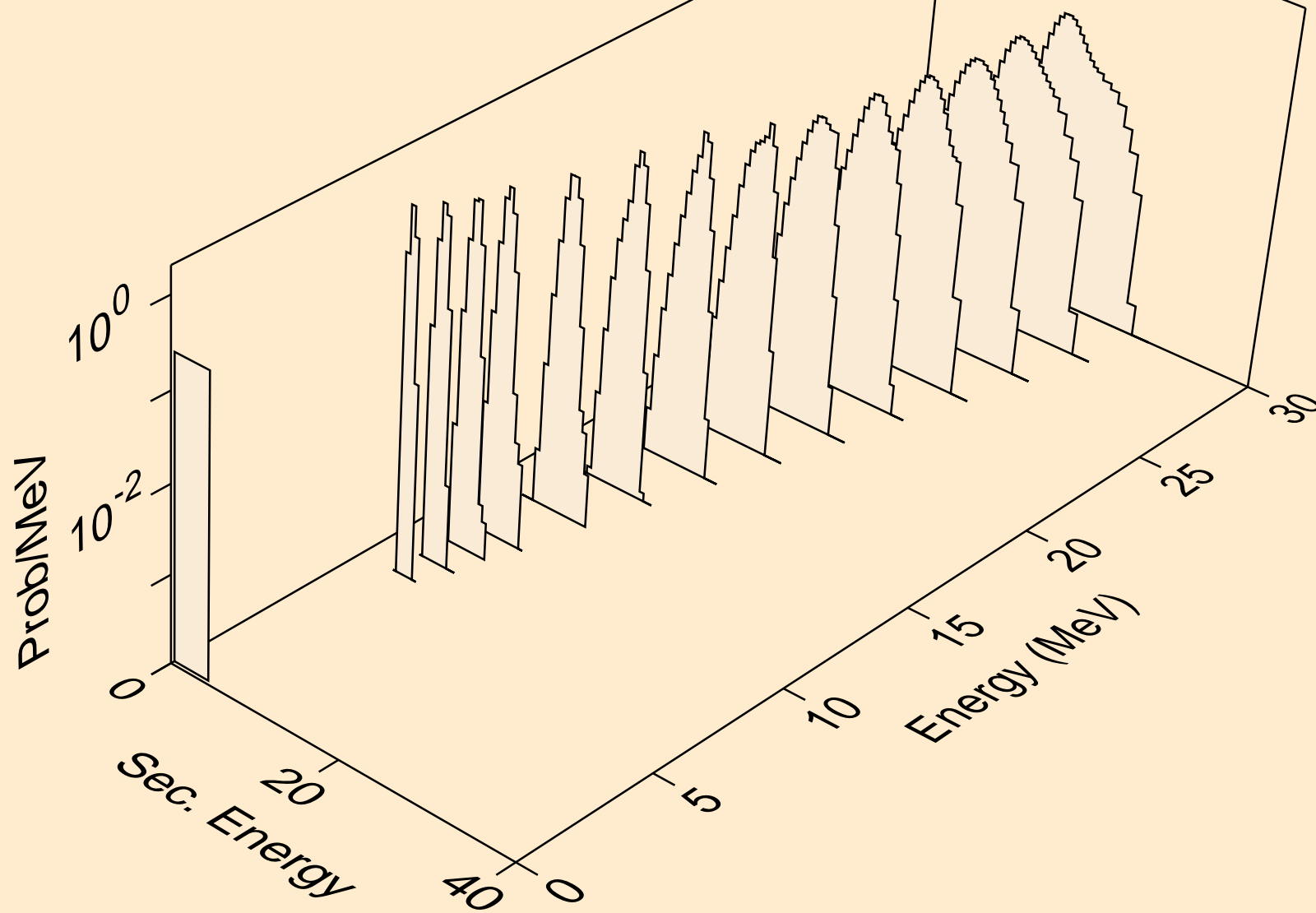
CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)





CE133 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

